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There's nothing better to look at. Turn to page 30!


They'll break that jam on Garry's Rocks. See page 24.

He drove to the edge of hell -and over. Page 42.

THE EXCITING NEW PICTORIAL MAGAZINE FOR MEN

## Articles

## I RIDE THE DEVIL'S PATROL............ Roben latham 13 MADMAN OF THE SNOWS DentonR, Mope 18 CAN HYPNOTISM BE USED IN CRIME? . 20 <br> Thorp MeClusky

## Fiction

TOP GUNNY
Richard ferber 22

## For Men



Beauty
LASS WITH A DELICATE AIR
PIP 30
Adventure
THE TERROR SHIP
THE GIRL WHO MAKES ROME BURN pan lakkog 38 , Hillot
Crime
THE CASE OF THE RUNAWAY CORPSE Rod longle 38

## Sports

HORROR BELOW
Doyld Sution
RIDE INTO MEL Devid Crewe

## Also

## THE ERROR THAT SANK A BATTUESHIP.

Jorame K. Thoyer

## MEN'S MART

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# Top Doctors Answer The Question... CAN YOU GROW HAIR? 

If you are troubled by thinning hair, dandruff, itchy scalp, if you fear approaching baldness-read the rest of this statement carefully, since it may mean the difference to you between saving your hair and losing the rest of it to eventual baldness.

But first, let's understand a few facts about hair loss and baldness. Doctors, dermatologists, and top research men in the hair field are not always in complete agreement, but they do agree that there is no such nostrum as a hair grower. No chemical, no electric gadget, no formula can grow hair. What can be done is to stimulate more blood circulation to the scalp thereby supplying more nutrition to the hair follicles, and to keep the scalp healthy and germ free, thereby removing any outside impediment to normal hair growth.

Now, what can be done to prevent the progressive loss of hair? Doctors do not agree on the most significant cause of baldness. Certain facts do stand out, however, in spite of disagreement. There is little or nothing that you can do if your hair loss is hereditary in origin. Recognize the hard fact that if your hair loss is due to factors beyond scientific control, you are going to get bald no matter what you try. And a large body of dermatologists believes that heredity is the largest single factor causing the loss of hair.

That is the black side of the picture. But there is also a hopeful side. Another large group of dermatologists believes that seborrhea (a common scalp disorder) is a common cause of baldness, and that seborrhea should be controlled to prevent the hair loss it causes. The symptoms of seborrhea are easily recognizable. They are: dandruff, dry or oily scalp, scalp itch, head scales-and a progressive loss of hair.


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# THE ERROR THAT SANK A BATTLESHIP 

by JEROME K. THAYER

- A MISTAKE of judgment that results in the loss of hundreds of lives holds a morbid fascination all its own. The reader places himself in the position of the unfortunate who made the error and, knowing all the circumstances, asks himself wonderingly, "How could that guy have been so stupid?"

The annals of warfare are full of such instances that, to those in a position of hindsight, appear not only inexcusable but impossible. "My God! Those things couldn't have happened!" is the reaction. Yet they did.

Peacetime boners of this sort seem even more incredible. There is no heat of battle, no urgency in which a considered risk involving the possibility of a great loss of life must be taken. Yet, under such circumstances, the most formidable battleship in the British Navy was sunk, with the loss of hundreds of lives, many of them in a welter of horror unsurpassable in the most gruesome nightmare: And the man who pulled this greatest of peacetime boners held a rank in ironic accordance with the magnitude of his error. He was Vice-Admiral Sir George Tryon, K.C.B., Com-mander-in-Chief of the Mediterranean Squadron of the British Royal Navy. And the ship lost was his flagship, the first-class battleship Victoria, which had been named in honor of the then Queen of England.

There's an old saw to the effect that it takes a big man to make a really big mistake; the little fellow has neither the authority nor the power. Sir George Tryon certainly proved its truth by committing the most colossal blooper in British naval history, a blooper that even he probably foresaw. Why he did it nobody knows;
he'd been warned against it in advance. Maybe he was too arrogant. Maybe his mind wasn't functioning properly that day; he'd been ill of a fever. Whatever the reason, he proved himself a brave man at the end.
H.M.S. Victoria was commissioned in 1887. At the time she was the most powerful warship afloat. She was 370 feet long, had a beam of seventy feet, a tonnage of 10,470, and was driven by triple-expansion engines that delivered up to 14,000 horsepower to the twin screws. She was very heavily armored, her redoubt or fortress which extended fore and aft from amidship being protected by a belt of steel sixteen inches in thickness and her single turret, which was forward, being protected by armor two inches thicker. The turret, which could be rotated through an angle of 150 degrees, housed two monster rifles, sixteen inches in diameter.and 110 tons each. Apparently this "dreadnought" was designed to fight only while advancing, for aft she carried but small and mediumsized guns. She was also armed with torpedo tubes and torpedoes of the latest design, rapid-firing machine guns, a heavily armored conning tower, and a foremast of the so-called "fighting" type.

The Victoria was actually a precurser of our most modern-type battleships. She was divided into a multitude of watertight compartments, equipped with manually operated doors. Her single turret was an experiment which has since been abandoned in favor of many turrets, and perhaps this one turret with its giant guns caused her to be somewhat overweighted forward. She was also equipped with a powerful ram, another experiment which has since

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 Afflicted With Getting Up Nights, Pains in Back, Hips, Legs, Nervousness, Tiredness.If you are a victim of the above symptoms, the trouble may be due to Glandular Dysfunction. A constitutional Disease for which it is futile for sufferers to try to treat themselves at home. Medicines that give temporary relief will not remove the cause of your trouble.

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been abandoned. But for her time she was as up-to-date as any battleship in the world.

In the spring of 1893, the Mediterranean Squadron undertook extensive maneuvers. As flagship, the Victoria had aboard Vice-Admiral Tryon, although as an individual ship she was under the command of Captain The Honorable Maurice Bourke. All told, she carried a complement of 611 officers, seamen and boys plus 107 marines-a total of 718 persons.

Another giant battleship in the squadron, comparable in size but somewhat inferior in firepower to the Victoria, was the Camperdown. She also had an admiral in addition to a captain aboard; he was Rear-Admiral Albert H. Markham. When the squadron was broken up into two divisions or columns, as frequently happened, he directed the second division in accordance with the orders he received from the Commander-in-Chief. All this information on precedence of command is important to an understanding of the snafu that sank the Victoria.

At various times previously there had been staff conferences that showed how concerned Sir George was over the possibility of collision during maneuvers. In fact, there was a general instruction to the effect that no ship attempt to complete any maneuver at the risk of running into another. On one occasion there was a discussion of the appropriate distance apart of two lines of ships, steaming in the same direction, when attempting a complete turnaround so that they would be steaming in the opposite direction but with the lines much closer together. In this maneuver each ship would start the turn as it reached the point in the line at which the ship ahead of it had started to turn, so that the relative positions of the ships in the two lines would remain unchanged. Sir George, a very able seaman, had suggested that the maneuver be executed with the two lines of ships six cablelengths, or 1200 yards, apart. But when it was pointed out to him that the turning circle of big ships like the Victoria was four cablelengths, or 800 yards, he agreed, rather absent-mindedly, to eight cablelengths as a suitable distance. This would not require the vessels of the two lines to "crisscross" each other. British history would soon be written-the hard way!

WHETHER or not Sir George still had the idea of crisscrossing two lines of ships in a complete turnaround, or whether he was merely thinking of having one line circle outside the other, as both turned, is anybody's guess. Certainly maneuvers of such delicacy and coordination are commonplace today. But Sir George was inclined to keep his thoughts to himself. He was not accustomed to being argued with, while physically he was a very impressive man at sixty-one-big, bluff, balding with a fringe of hair around the sides, and flaunting a luxuriant full beard. Even his prominent thick nose and his jutting chin were defiant and stubborn.

At any rate, the Commañder-inChief, who had undergone a siege of fever, was only discharged from medical surveillance on the morning of June 22. That same afternoon the Victoria was at the bottom of the Mediterranean.

The day was beautiful-the sun dazzling, the air balmy, the sky cerulean, the sea azure and smooth as glass. The squadron was maneuvering a few miles off the coast of Tripoli, and because of the calmness the gun ports, armor doors and numerous other openings which would have been closed in heavy seas were open. So were the doors to many of the watertight compartments.

Sir George Tryon was not at his usual post on the after bridge, a position from which the admiral of a fleet can best observe what is going on when his ship is in the lead. Instead, he was on the forward bridge, a custom of his when he personally wanted to give instructions concerning the operation of the engines, as when going to an anchorage. Asked afterward what he would have done had the Commander-in-Chief been at his usual post when collision appeared possible, Captain Bourke replied that, honestly, he didn't know. But he stated that his "feeling" was that he would have taken action earlier than he did.

At 2:20 p.m. the ships were proceeding in a single line about two miles off the Tripolitan coast and five miles from their anchorage when Sir George gave the command to form two columns six cablelengths apart. This was done, and when the maneuver was completed the Victoria was heading the column farther offshore and running parallel to shore

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orrifistive guides to good English vasege
while the Camperdown was heading the inshore column. The ships maintained this two-column formation until $3!28$.

During the interim there was some very significant conversation on the Victoria's forward bridge. Captain Bourke knew what was in Sir George's mind, for the Commander-in-Chief was giving instructions to the flag lieutenant. They were special instructions that had to be transmitted to the ships by two special signals, for the signal book contained no overall signal for two lines of ships to turn inward toward each other.

$\mathbf{A}^{\top}$T this point Captain Bourke reminded Sir George of the previous conversation regarding the turnaround maneuver by saying, "You certainly said it was to be more than six cables." Sir George ignored the reminder and said to the flag lieutenant, "Leave it at six cables." A little later Captain Bourke reminded Sir George that the turning circle of the Victoria was four cables or 800 yards. The Commander-in-Chief merely replied that the columns should remain six cables apart.
The signals went up. They were,
specifically, for the column headed by the Victoria to turn sixteen points ${ }^{\circ}$ to starboard and the column headed by the Camperdown to turn sixteen points to port. The general instruction was not to turn together but merely to turn. Something seemed to be loused up somewhere.

Aboard the Camperdown RearAdmiral Markham was instantly worried. He felt that the distance between the lines of ships was insufficient for the maneuver. So he directed his flag lieutenant, who was repeating the signals from the flagship to his own column of ships, to keep the crucial signal "at dip" as an indication to Sir George that the signal from the Victoria was not understood. The Victoria was already commencing the turn. The speed of all the ships was 8.8 knots per hour.

Now Rear-Admiral Markham was in a very serious dilemma. He knew that a collision was in the making if he obeyed Sir George's instructions, yet he also knew that disobedience by an officer "in command of his senses" is unthinkable in the British Navy. He ordered the Victoria signaled by semaphore: "Do I understand it is your wish for the columns
to turn as indicated by the signal now flying?"

Before the semaphore signal could be put through the Victoria semaphored, "What are you waiting for?" It then occurred to Rear-Admiral Markham that Sir George, in whom he had the fullest confidence, intended his own column of ships to circle around and outside the other column as both turned. So he ordered the turn signal for his own column hoisted.

It was soon apparent that if the lead ships continued as they were going a collision would occur. Aboard the Victoria Captain Bourke said to Sir George, "We shall be very close to that ship." Perhaps a very few seconds afterward he said, "We had better do something; we shall be too close to that ship." But the Com-mander-in-Chief appeared not to hear.

Then Captain Bourke asked, very urgently, "May I go astern full speed with the port screw?" Sir George did not reply. The captain repeated the plea "two or three timies, quickly." Finally Sir George gave a single-word answer: "Yes." At this point the two ships were about 400-500 yards apart. Very gradually, the Victoria



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began to fall off to port. An instant later, seeing that collision was inevitable, Captain Bourke ordered the starboard engines also reversed, in an effort to reduce speed as much as possible. The Victoria began to slow down, again very gradually.

In a similar fashion aboard the Camperdown, but just in reverse, Rear-Admiral Markham first ordered full speed astern with the starboard screw and then, when he saw that collision was inevitable, with the port screw. The angle between the two ships began to lessen. But in that day as today, vessels of more than 10,000 tons apiece cannot be halted nor can their course be altered greatly in a short time. Within about a minute after both ships had reversed engines the Camperdown's ram ploughed into the starboard side of the Victoria about twenty feet forward of the mighty gun-turret. The blow stove in the side of the Victoria half way through the ship, leaving a gash in the Victoria's armored side about sixteen feet wide at the rail and extending eightean feet below the waterline. The Camperdown's prow suffered severe but less drastic damage, since it had been strengthened specially for ramming. The shock of the collision was so great that it threw the Victoria sidewise in the water a distance equal to her width, seventy feet. At the moment the vessels collided, both ships were still making about six knots.

Immediately after the collision, according to the testimony of two officers who were on the Victoria's forward bridge at the time, Sir George exclaimed with every evidence of remorse, "It was entirely my doing" or "It was entirely my fault." The exact wording of the statement is immaterial, but the significance is very important.

AT about the same instant Captain Bourke realized that a collision could not be avoided he ordered the closing of the Victoria's watertight doors. Under ordinary conditions of drill this operation would have required about three minutes, but in only one minute water was flooding deeply into the ship. Testimony subsequently revealed that all these doors which were located on the mess deck, whose floor was about three feet above the waterline, were closed suc(Continued on page 46)

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Pulling a still burning woman out of a house . . . fishing bloated bodies from the river . . . wathing a dead child seemingly come to life . . . These and many more are the johs performed by
Fire Rescue Squad 4, a group of courageous, unsung men who live with horror- and death in a dozen ghastly forms!

## I Ride the

# Devils Petirol 

by<br>ROBERT LATHAM



The truck's equipment includes ropes, pulleys, cutting torches, smoke ejectors, jacks capable of lifting houses.

## I Ride the Devil's Patrol continue

- FIRE STATION Number 4 is dark and quiet at 3:48 in the morning. Upstairs in the dormitory twenty firemen are asleep. Downstairs the night watchman sits alone in front of his big fire control board, puffing away at a cigarette, reading magazines and waiting for trouble. From time to time he looks up from his reading and glances over the control board with its many lights and buttons which show signs of life only when a fire alarm is set off. Tonight everything is quiet around the city; no fire equipment is out.

The Night Watch glances around the station, off to his left, and in the dim light he sees the hook and ladder
truck with its hundred foot aerial ladder neatly folded. To his right sits the big 2,000 gallon pumper with the doors of the cab open, waiting to spring into life. In front of the pumper is the seven-ton American LaFrance fire rescue truck, its shiny white coat looking yellow in the faint light.

The Night Watch wearily lights up another cigarette and settles back to reading his magazine. Looks as if it's going to be a lonely night, with no one to talk to and no action. Fighting off sleep will probably be the worst thing he'll face. On the other hand, you can never tell about fires . . .

Half an hour more drags by in


Automobile is strictly for hash after having been slammed by heavy gravel truck. Picture at right shows firefighters edging into smoke-filled house by way of ladders.



Doctor listens for sound of beating heart in drowning case: In this case there was no sign of life.
silence. Then suddenly the signal box sends out a shrill squeal and the fire control board springs into life, its red lights blinking anxiously. Somewhere in the city someone has pulled a fire alarm handle on one of the red boxes that are scattered all over the place.

The Night Watch works automatically at the first sound from the
squawk box. He reaches up to the board and hits two red buttons. Instantly every light in the fire station, from basement to attic, flashes on, transforming the gloom into blinding brilliance. Gongs begin to sound throughout the station in the same instant.

Upstairs, the firemen leap out of bed and with swift movements climb
into overalls and boots. The Fire Captain is the first man down the pole. By the time he hits the floor of the main room the Fire Watch has the location of the fire pinpointed. From fire headquarters, in another section of town, comes the group 33 code on the switchboard. This means fire rescue is needed.

The engineer slides down the pole,


Man lies in pain with broken back, ruptured spleen. He died very hard.


Firemen rush to control fire in B-36 plane crash. Below, lad gets unstuck. The kid doesn't know it but he's about only foy these men have.

## I Ride the Devil's Pafrol

runs for the big rescue truck and climbs behind the wheel. He hits the starter and the 200 h.p. engine roars into life.

Another fireman slithers down the gleaming pole, runs lightly across the room and hits two switches beside the door leading to the street. Outside the door the street light turns red and a warning siren wails outside the building even as the doors begin to swing open.

Each man knows his job and goes about it in swift silence. Within twelve seconds after the alarm hits the board in front of the Night Watch, Squad Number 4 is rolling out of the station door.

There are five men on the truck. The engineer tensed behind the wheel, the Captain sitting next to him busy turning on the radio and the emergency warning devices, and three firemen hanging onto the tail of the truck, still buttoning their coats.

Squad 4 rolls down the dark streets with its siren echoing against the buildings that line either side of the street. The men tense inside their coats, the crisp night air biting into their faces.

It is a long run, but there is little traffic to fight at this hour of the morning. Before reaching the scene of the call the Captain has made radio contact with headquarters, and has received more details as to the nature of the call. It is a large apartment house. A defective furnace has kicked out carbon monoxide fumes which have spread throughout the entire building with its many sleeping occupants.

Upon reaching their destination the men of Rescue 4 slip on their gas masks and run for the building, carrying portable resuscitators. Other fire companies along with another fire rescue unit which have by now arrived are busy stopping the flow of gas, opening (Continued on page 48)

Man hangs dead with head caught in elevator. Parking stub for car he was going after still is clutched in dead man's hand. He was decapitated.


Here is a strange and terrible story of the northland, a story of blood and death and mystery. It's the saga of Klootuk the Evil-the

## Madman of the SHOMTS

- A FEW disturbed seagulls circled lazily overhead, dazzling white in the bright fall sunshine. The great Mulchatna River swirled past the sandbar, running deep and full. And on the bar were two men. A small ragged Eskimo, shivering with emotion, a strange unearthly light in his eyes and with a red dripping axe held tightly in his hands, crouched motionless over the other. The second man twitched convulsively and died, a dozen gaping axe wounds in his head and neck.
Whimpering softly behind his master, a huge black and white reindeer dog crouched in the sand. His ears stood erect as the Eskimo hurled the axe far out into the turbulent river. Then man and dog stepped into the frail canoe, pushed out into the Mulchatna and vanished from the sight of man.

1927 was nearly gone. Patches of sheet ice formed nightly in the river shallows, and geese were thick overhead, massing for the long southern flight. In the calm evenings when the smoke hung still and thick over each isolated cabin, the (Continued on page 51)

by DENTON R. MOORE



# Today, each Russian military doctor and Red Army nurse is well trained in hypnotism. Here is the startling reason why! 

■ OVER THE past few months there has been a tremendous upsurge of interest in hypnotism, amounting almost to a national fad. Classrooms in the nation's score or so of schools of hypnotism are crowded, there is a booming business in mail-order courses in hypnotism, textbooks on the subject are practically unobtainable, about 100 professional stage hypnotists are booked solid, and several hundred other hypnotists of sorts are enjoying an unusual run of prosperity.

The reason, of course, is simple. It stems from the publication of Morey Bernstein's eerie book The Search for Bridey Murphy, which promptly became a top best-seller. The book tells how Bernstein hypnotized a Pueblo, Colorado, housewife and, when she was in a trance, asked her to recall events that occurred not only as far back as her childhood but before she was born. The housewife then appeared to recall details of a previous existence in Cork, Ireland, from the years 1798 through 1864. Her name, she said, had been Bridey Murphy.

This, of course, was an interesting experiment in ancestral memory, which according to some authorities exists in all of us and extends in an unbroken chain back through our ancestors to the very dawn of life upon our planet. Ancestral memory is a spectacular hypothesis, and there is considerable evidence in its favor. It may explain, for example, why some of us, on visiting a strange place for the first time, experience the uncanny hunch that we have been there before. This occurs quite frequently among travelers; during both World Wars there were many instances of G.I.'s suddenly "recalling" French and German towns and villages they had never seen before, to their knowledge. In quite a few cases they were even able to describe scenes they had not yet reached, as a valley that lay
beyond the top of a hill. Sometimes they accurately described buildings that had been torn down years before, but that were recalled by elderly natives or appeared in old photographs. In numerous instances it was possible to prove by tracing ancestral lines that ancestors of the G.I.'s had actually lived in these places.

Whether or not ancestral memory actually exists and may be brought to the surface through hypnosis is, however, beside the point now. The gist of this article is that hypnotism is a powerful force, which has many beneficial uses. However, it is extremely easy to learn how to hypnotize; one school has guaranteed to teach anyone a simple technique in 10 class lessons. Can hypnotism be dangerous-whether in the hands of the ignorant amateur or the deliberate criminal? And if so, just how dangerous can it be?

The statement has often been made: "It is impossible to compel a hypnotized subject to do anything that is contrary to his well-being, that endangers him in any way, or that is against his moral and ethical principles." The implication of this is plain -that the hypnotized person retains a subconscious monitor or guardian which protects him even when in the deepest trance. This may be true. But the important question is: Can the subconscious monitor be deceived?

Unfortunately, the answer to this is that it can. It is possible for an unscrupulous hypnotist, for example, to hypnotize a girl of the highest morals, tell her when in trance that she is his wife, and have his way with her. That is just one example of how hypnotism can be used to deceive.

Following will be given numerous true instances of the deceptions possible under hypnotism, which permit the criminally minded hypnotist to compel his (Continued on page 54)

# CAN HYPNOTISM BE USED TO COMMIT CRIME? 

 by THORP McCLUSKY




CONTINUED



Potlatch riverjacks hooted at safety belts. They were to regret it.


Jacks are kings in north woods. Riverjack is top man in his trade-and community. They face danger daily.
the risks they took, and they protested against the safety belts. They ignored them, refused to wear them and the belts lay untouched.

Joe Helinka, the assistant logging superintendent, did his duty by reminding the men daily for some weeks about the belts. But finally, tired of their jibes and refusals to don the
belts, Joe stopped mentioning them. There they were. If the guys wanted to wear them, it was up to them.

The boat they took out that day was piloted by Bill Akins. River pilot Akins had been piloting the wanigan on the Clearwater log drive for over two decades, and it was generally agreed among the loggers that
old Akins-old Bill to the riverjacks -could pilot that wanigan across heavy. dew if necessary.

The men in the boat on this day were center-men, considered the most experienced of the riverjacks. The job they were assigned to needed all the experience they could musterthere was a pier jam near Orofino; it


While working log drive riverjacks live in three-sectioned floating shack called wanigan, left.


Close up of wanigan. It's canvas-covered, pontoon-supported set of shacks. It's the loggers chuck wagon.
was still jammed after two days work on it and they had to get that pier cleared.

When a center jam begins to move 'there's no place to go and nothing but water below.' That's an old saying and a seasoned riverjack knows the truth of it. At a time like that, the riverjacks (Continued on page 56)

Potlatch Forests, Inc., sends veteran lumbermen out to herd enough wood down Clearwater to build 4,000 5-room houses.


- INSIDE the prison foundry Girard, one of the two guards watching the detail of convicts, satisfied himself that every man was there and then sang out to his comrade: "All present!"

They were the last two words he ever spoke. A rifle bullet slammed him against the wall and killed him instantly. A split second later another bullet sliced between the stunned convicts and hit the other guard between the eyes. A prisoner named Ingram whirled towards the man doing the shooting. Ingram was a hardened criminal himself but the sight of two guards being shot down in cold blood appalled him. He charged at the man who held the gun but was stopped in his tracks by a third bullet coming from a different direction.
"All right! All of you stay where you are and you won't get hurt. Move one step and we'll blast you to hell!"

The threat came from a tall, barrelchested convict who held a smoking Winchester in his hands and was backing towards the door. On his right, also holding a Winchester, a smaller man crouched low and looked furtively over his shoulder as they backed (Continued on page 72)

## A MEN'S PICTORIALTRUE CRIME STORY

# The Last Kill 

# "At the count of ten," Harry Tracy told the man who had offended him, "we'll turn and fire:" The duel ended quickly when Tracy shot his man in the back-at the count of nine! 

by PAUL BROCK




## Lass wwith

## malericate ailio

- ONCE in a blue moon a pinup feature comes along that has everything; the pics are perfect and the story writes itself. This is the case with Sue Lass-the gal you're looking at now. For instance, think of just two of the many titles available-"Sweet Sue" or "The Lass With a Delicate Air." They write themselves. Then there's more; these pics are exclusive because Sue, at nineteen, did only this one set of pinups and that just for fun. She's already a successful photographer's model, and no wonder-silky blonde hair, quizzical hazel eyes, and $5^{\prime} 5^{\prime \prime}$ of pluperfect curves, including an hourglass 34-21-34. Need we add more? No, but here goes-Sue'll be seen in motion pictures soon; it's all set. For additional back-




## Iacculth at alolicenterait



## 以上erz LexRTROE SECTE

The clipper ships were swift things of beauty-and horror. Hard men manned them, harder men captained them, and God help all hands
if mutiny broke out-as it did on the ill-omened Challenge!

SAN FRANCISCO'S Monumental Engine Company bell summoned the Vigilance Committee of 1851 to arms for the last time-not to hang some Sydney ticket-of-leave man nor to drive a New York pug to suicide, but to save a man from an unblessed lynching. That is to say, prevent a necktie party neither scheduled or condoned by the self-elected purveyors of peace and justice, Sam Brannan and Company.
The occasion was the arrival of the California clipper Challenge in Yerba Buena Cove after a troubled passage from New York. Probably the most extreme clipper ever built and the largest merchantman then sailing the seas, the Challenge was a graceful giant of 2,006 tons registry. Built of white oak, live oak and pine, at two hundred and ten feet she was twenty-seven feet longer than the largest ship in the United States Navy of 1851, the 120 -gun U. S. S. Pennsylvania. The Challenge was launched on May 24, 1851, from William H. Webb's shipyard at the foot of Sixth Street before the largest crowd in New, York waterfront history. A spectator wrote, "I have seen many launches (i.e., launchings), including that of the U. S. ship Ohio, but never have I witnessed such interest and excitement before as attended this launch." (Continued on page 76)

## by R. H. DILLON

Suddenly the mate was lying on the deck, being kicked, beaten. Waterman grabbed a belaying pin and turned to with a will.



Novella shows job to American actress Shelly Winters.

## The Girl Who Makes

## Novella Parigin paints, parties and

 between times drives men mad. She's so publicity-wise it's said she might have shocked Nero, an old Roman celebrity!- WHEN NOVELLA Parigin was fourteen years old, she took off her clothes, stood before a full-length mirror and painted the reflection of her own curves for the next six hours. Since then she's had her clothes off more than on, to the consternation of the staid Romans in whose city she lives, yet nobody can say that she is not doing it for Art's sake, since Art is not a man but her career. Anyway this, coupled with a few other eccentricities and a talent for saying the wrong thing at the right time, has as much to do with her popularity in various circles as the fact that she is truly talented with the.brush and easel.

I might never have thought twice about meeting Novella, or even doing an article about her, if I had not sat around with a bunch of newspaper people in Rome one hot day last (Continued on Dage 58)

Novella has cute shape herself
when she dons brief swimming attire. She and guest wile away sunlit afternoon hours fooling with big cat. Capri, rear.



Artist, top, puts cat faces on models. Center, Novella poses. Bottom, Lisa Schneider painting.


The guesome thing two schoolhoys foumd at the mouth of a Lowall,
Mass, sewer gave police a long, hard time hefore they solved

## The Case of the Runaway



We were deep in the dim depths, struggling with an unseen horror-and our oxygen was


THEY MADE it sound easy when they told me about it. All you did, they said, was dive down to the bottom of the sea off the lower California coast, chip away rock from the bottom of the sea, stuff the rock into canvas bags and rise to the surface again. And the rock, when processed,
gave forth a high quantity of gold. Same process as mining in Arizona, they said, only you do it under the water.

Well, it sounded tame, told to me that way. But it sounded like a photo story and that's my business, so I asked to go along on the next mining
session. Even a routine picture story can usually be jazzed up with an "angle" of some sort-and angles are not found, usually, until you're on the spot, shooting your pictures.

I was in on the deal because I'm an amateur skin-diver and I'd done some diving with the two young mar-

ried couples who were mining their gold from the bottom of the sea. Jane and Gloria dived right alongside their husbands, Duke and Jervis. And the girls brought up just as much of the gold, they told me, as their husbands. They were a happy, healthy young foursome and as we sat in my Santa

Monica hotel room making plans for a gold hunt they gave me the impression that it was going to be little more than a routine skin-diving session.

I should have known from even my meager experience, that nothing that concerns the sea can ever be
"routine." The things that live in the sea are infinite in variety, and the dangers that lurk for man below the surface of the ocean are infinite, too, in number. But you wouldn't be a skin-diver if you counted odds before each dive!

Prepara- (Continued on page 58)

## START DUNLOP RaIFM ZIEL



Arrow points to von Frankenberg's car at race's start at Avus.

- THE DRIVER of the Porsche bearing the number 9 was Richard von Frankenberg, a young driver known to the racing fans in Germany as a daredevil because of the risks he took. It was a fine sunny day at Avus track-a horseshoe shaped arena where spectators filled the center of the oval and could watch the racers from any direction.

The Porsche racer roared upward, hit the track's rim, leaped into the air and held there, defying


# INTCO HIEILI. 

Another man could have done it the easy way, but a daredevil like the young Porsche driver can't do anything the easy way. For him it wasn't fun unless the risk involved is multiplied to the nth degree. He evidently likes Death close.

Number 1 was on Frankenberg's left at the take-off, and it stayed neck and neck up to the end of the north
back of the horsestioe shaped arena.
At the north curve Frankenberg gumned Number 9 and shot over toward the outside lane-making it the hard way as he prepared to pass Number 1, which had clung to the inner lane all the way.

The crowd let go with a cry of ap-preciation-Frankenberg was about to give them their inoney's worth;
he was always good for an extra kick at any race track.

But something went wrong. Frankenberg didn't come out of the swerve to the right and up the grade; instead of cutting the wheels to the left and straightening out, he kept going toward the edge of the up-curled track!

The Porsche roared upward, hit the rim of the outward edge of the

## gravity for a moment. Then, as the stands moaned, the Porsche disappeared - into an inferno!

## RIDE INTO HELL

CONTINUED


No. 9 roars upward, to hit the outer rim of the track. Driver, known for daredevil stunts, is headed for hell.

Many in crowd pay to see scene at right but shudder when they do. Racer, afire, is capsizing.

north shoulder, leaped into the air and held there, defying grávity, for a brief moment. Then, as horrified eyes in the arena stared, the Porsche disappeared over the curled rim of the shoulder!

Unsung heroes of any race track are the grease-monkeys and the attendants who come running with firefighting equipment when a car crashes. Daredevils like Frankenberg take the risks seen by the audiences. But when they get into trouble, the boys in the white coveralls down in the pits take their risks-to get the daredevils off the spot.

The Porsche went through the air as if it had wings, turned over as it fell and landed on its back in the middle of a parking area outside the track!

Frankenberg was trapped inside the racer, the weight of the Porsche, a solidly built little car, supported by the guard around the driver's seat. No weight touched the driver, but he was trapped two ways nonetheless. The nose of the car had been shoved backward into his lap as it landed, and with the car upside down the only way out was to lift the weight of it so he could be released from the pit. Trapped as he was by the cavedin front end, Frankenberg could only hang there behind the wheel, upside down, and wait for help to come.

It would have been merely a matter of seconds for the pit men to lift the Porsche, turn it over and set it upright again. And in a matter of seconds Frankenberg would have been released from the trap that had his legs twisted and thrust back into his belly.

But as the white-clad pit men reached the Porsche they were suddenly driven backwards by a wall of flame that leaped out of nowhere and began to lick the sides of the little car! They came from the petrol tank and they swiftly embraced the compact little racer in a sheath of yellow flames.

Frankenberg was trapped inside the cockpit that swiftly became an oven in spite of the swift efforts of the fire-fighters. As they fought the flames with their portable fire-fighting apparatus, the crowd poured out of the arena and stood in stunned silence to watch the end of the young daredevil who had given them his final kick. (Continued on Page 47)


Competitor hums along track as von Frankenberg goes over.


Arrow shows where driver of Porsche landed after leaving track. Car slammed through sand banks, finished upside down.

Von Frankenberg, miraculously shielded from flames by body work of car, suffered severe injuries, went to the hospital.

cessfully. But on the protective deck immediately below that-both obviously beneath the waterline of a ship with a draft of 26 feet-there was not enough time to close all of these doors, although a hundred men struggled with them until the water was racing about their necks. Subsequent calculations revealed that had these doors been closed the Victoria would have remained afloat. As it was, she started a slow list to starboard.

Meanwhile the Camperdown whose prow was wedged into the Victoria's side at an angle of somewhat less than ninety degrees with the prows of both vessels heading somewhat in the same general direc-tion-managed to pull her prow free. The ships were so firmly held together by torn and twisted metal that this operation required about ten minutes.

Sir George must have had a fantastic faith in the ability of his ship to remain afloat, at least for awhile. He ordered that the ship steam full speed for the nearby shore, perhaps expecting to ground her or to stop her in shallow water for an inspection of the damage; nobody knows for certain. The Victoria, which was veering to starboard and slightly toward shore at the time the collision occurred, gathered way. But this ma-
neuver tended to drive the already depressed bow lower in the water and increase the list to starboard. This in turn drove more water into the ship and sternward in the lower compartments whose dobrs had not been closed. Down at the head and burdened with many hundreds of tons of water as she was, the Victoria proceeded sluggishly, although her engines were operating perfectly and her engineroom had been successfully sealed off. -

Apparently Sir George was about the only man in high authority who did not realize the Victoria was doomed. Other ships of the squadron were closing in and were ready to lower boats, but the Commander-inChief forestalled them by sending the imperious signal "Negative K.Z." which means "Negative send boats." A few moments afterward this signal was augmented by the semaphore message, "Keep boats in readiness but do not send them."

As it turned out, this decision resulted in the saving of the lives of a great many boat-crews. For the horror that suddenly occurred would undoubtedly have swamped and reduced to splinters boats close to the Victoria, while so long as her personnel remained aboard nobody, of

course, could have been rescued.
Discipline aboard the Victoria was excellent. The engineroom crew remained at their posts. Men in sick bay and in the brig were brought up on deck. Officers and men took their assigned stations in readiness for hoisting out boats. Those without specific disaster assignments fell in along the port side of the ship and awaited orders. There was "no panic, shouting, rushing aimlessly about . . ." an official report stated.

The Victoria continued to plough shoreward, but very slowly. Her bow was now under water, perhaps as much as thirteen feet. The list to starboard had increased. Suddenly the ship gave a tremendous lurch to starboard and water, in addition to rising up from below, commenced pouring in through the gun ports and the open armor door at the forward end of the battery. All this occurred with amazing speed.
"Every man save himself who can!" Captain Bourke ordered. An instant later the great ship suddenly turned turtle completely, the masts and superstructure striking the water with tremendous force and sending up immense showers of spray. The twin screws appeared above the water, and in the air they commenced racing with "fearful speed." Hundreds of men were struggling for their lives in the water, and other hundreds, trapped below by the ship's sudden overturning, were entombed in air pockets deep inside the hull or swiftly drowned, the latter being the more fortunate ones.

8OTTOM up and slowly sinking by the head, the Victoria maintained this position for about three minutes, after which she vanished from sight. As the racing screws sank into the water and disappeared they threw up great geysers of water.

Now came the greatest horror. The Victoria was still moving forward very slowly as she turned turtle and she went under with her screws still racing. Since the ship went down at the very end with considerable speed, there was considerable suction. Hundreds of men in the water were not only drawn down by the sinking ship,
they were also in the direct path of the whirling screws as the ship continued to move forward.
Swiftly followed, according to one contemporary report, a scene "that caused the officers on the decks of the remaining vessels of the fleet to turn sick . . . these deadly screws were moving like circular knives, gashing and killing the poor creatures who had battled vainly for life . Shrieks were heard, and then the waves and the foam were reddened by she blood of hundreds of victims. Arms, legs wrenched from bodies, headless trunks, were tossed out of the vortex to linger on the surface for a few moments and then disappear . . ."

As if this were not horror enough, still another was added. Seconds after the Victoria disappeared from sight there was a tremendous explosion, perhaps two almost simultaneous explosions, deep underwater, caused by the blowing up of the ship's boilers. Stated one of the Victoria's officers, G. Phipps Hornby: "This threw up a huge hummock of water, like a torpedo; and this it was, I suppose, that drowned very, very many of the poor fellows . . ."

In such a maelstrom of death, it seems a wonder that as many survived as actually did. Most of those who lived to tell their stories recalled the moments after they found themselves in the water and before they were speedily picked up as no more than confused nightmares. As Captain Bourke put it, "I imagine there is not a single survivor who can give any clearer reason for his being saved than that he was more fortuitous than his neighbors."

Something less than fifteen minutes elapsed between the instant the Victoria was rammed and her disappearance from sight. During that brief interval there were innumerable acts of heroism aboard the ship. Almost the entire engineroom crew, who had remained at their posts until the order "Every man save himself who can!" was given, were unable to escape and went down with the ship. One unidentified seaman, who remained below and assisted the ship's diver out of his suit and lead-lined sinkers, failed to escape as the ship turned turtle although the diver lived to tell the story. Sir George made no attempt to save himself and was seen as the ship turned turtle standing on the forward bridge "steadying himself" with one hand on the rail, while with the other he covered his eyes, as if to shut out the scene of horror and of death which spread around him." Perhaps his wish was to go down with his ship, for he refused to don a lifebelt that was tendered to him by a midshipman. If so, his wish was granted, for no part of his body was recovered.

Almost all the living and dead recovered were picked up within a very few minutes. Very few bodies remained floating, or floated to the surface in ensuing days, perhaps because so many had been ripped open during the sinking. According to The New York Times five days after the loss of the Victoria, only 20 bodies had been recovered up to that time.

In all, 430 officers, men, boys and marines were lost in this most horrible of all accidental naval disasters. On July 17 court-martial proceedings to inquire into the cause or causes of the sinking and to fix the
blame if any got underway aboard H.M.S. Hibernia, stationed in the harbor at Malta. The findings of the Court stated flatly:
". . . it is with the deepest sorrow and regret that (we find) this condition was due to an order given by the then Commander-in-Chief, the late Vice-Admiral Sir George Tryon, to the two Divisions in which the Fleet was formed to turn sixteen points inwards, leaders first, the others in succession, the columns at that time being only six cables apart."

No blame was attached to other major officers, such as Captain Bourke, for hesitating before acting on their own initiative even after they knew collision was impending. In the tradition of the British Royal Navy insubordination was unthinkable and the line of command from top downward must not be broken. This inflexible policy, by and large, was greatly responsible for Britain's becoming and remaining for several centuries a supreme naval power.

The sinking of the Victoria led to numerous improvements in ship design and construction and in precautionary measures employed during maneuvers. Automatically operated bulkhead doors came into use. Fore-and-aft bulkheading from stem to stern-which the Victoria had lacked -became commonplace. Maneuvers were conducted under simulated collision and battle conditions.

But all these and other advances were paid for at fearful cost. And the greatest cost of all was probably the mental anguish of a brave, competent, but mentally ill man-Sir George Tryon-during the final 15 minutes of his previously distinguished life.

## RIDE INTO HELL continued from page 45

But it wasn't the end of the man although it was probably the end of the racer. The heroic efforts of the fire-fighters brought the flames under control in a matter of minutes. Then, ignoring the searing heat of the molten metal, they ran in and threw their combined weight into lifting the Porsche up and over to set it again on its wheels. But it still wasn't a matter of pulling Frankenberg out of the seat and away from the hot metal. He was trapped behind twisted metal and a bent steering gear.

The man who risked his life just for the hell of it was now in a hell of his own making and many of the paying customers shuddered at what their hard-earned tickets had brought them to see.

They played the water on the metal until it was cool enough to handle. And all the while the young daredevil driver huing there, head down, dead or alive they could not know.

Cutting him out of the wreckage was the longest part of it. A doctor arrived before the job was finished
and shot some pain-killing drug into Frankenberg's arm, stayed on to direct the moving of the limp body from car to stretcher once the twisted steel was cut away.

Lucky daredevil? He was lucky to be alive. At the hospital the prolonged checkup revealed multiple internal injuries. He would live, the doctors said, but he might not ride the rods again. The crowds would have to look elsewhere for their extra kicks. But there would be other drivers. There will always be drivers.

## I RIDE THE DEVIL'S PATROL continued frompage 16

windows, and carrying in exhaust fans to clear the building of the deadly gas.

Twenty-one people are found overcome and unconscious. Both fire rescue trucks soon have all their resuscitators in operation, pumping oxygen into the lungs of the unconscious victims. Some of the victims respond immediately, some take longer, and others will not respond at all.

In an hour and a half all that can be done has been done, and the men of Rescue 4 are loading their lifesaving equipment back onto the truck.

This is just one of the 647 runs that fire rescue squad 4 made last year. The city has two fire rescue squads-Number 2 and Number 4. Fire rescue is a branch of the fire department, but the men in these squads are highly specialized and trained in rescue type work. First aid calls, in which emergency aid is administered to the injured, emergency calls-these are the sort of calls in which someone is trapped-resuscitation calls in which a resuscitator is needed, and fire calls, which are covered with regular fire apparatus when it is thought the services of the rescue squad might be needed.

The rescue truck carries no equipment to extinguish a fire outside of several hand extinguishers. The main part of the equipment is made up of ropes and pulleys, acetylene cutting torches, smoke ejectors, jacks capable of lifting a freight car, first aid equipment, antidotes for 100 different types of poisons, a doctor's bag, stretchers, self-contained gas masks, bars and axes, grappling hooks, life ropes, refrigeration tools, and body bags. On top of the truck are mounted four 1,000 watt flood lights and four 5,000 watt floodlights. Inside the truck there is a generator to supply the power for the lights. In all there are more than five hundred different items aboard the rescue truck.

IHAVE been with the fire rescue squad for thirteen years. I will never forget my first call as a rookie. It was a fire call in which we covered with several pumpers. Upon arriving at the scene of the call we found a house filled with a great deal of smoke but little fire. Our first task was to find out if there was anyone inside the house and if there was, to get them out.

However, we were assured by

neighbors that there was no one at home. But to make sure, another fireman and myself put on our masks and made our way into the smokefilled building.

Inside, the visibility was poor and we felt our way along slowly. We went into a long hall and began checking each room as we spotted a door. I found myself standing at the open door of what appeared to be the living room. The smoke seemed heavier in this room than anywhere else.

Through the heavy smoke I thought I saw someone sitting in a large chair in the middle of the room. I made my way into the room, directing the beam of my flashlight on the chair. As the beam of light pierced the grey mass of smoke and struck the chair I almost gagged. Sitting in the smouldering, overstuffed chair was a woman. She was still alive-I could see her writhing against the flames that had completely burned her right arm off at the elbow and charred the right side of her body. Her left hand hung over the side of the chair arm and in it was gripped a whiskey glass. The glass was held upright and still contained whiskey.

Apparently the woman had been sitting in the chair drinking and smoking a cigarette. She had either passed out or fallen asleep, dropping the cigarette onto the arm of the chair on her right side. The right side of the chair was the only part of the overstuffed seat that was on fire, but the smoke from its slow smoldering had filled the room and seeped through the whole house.

We pulled the woman from the chair and got her outside. Somebody ran in with an extinguisher and put the fire out in the smoldering chair.

When we returned to search the rest of the house we found the woman's husband dead on the kitchen floor, a victim of the poisonous gases given off by the burning material in the chair.

This call was as close as I ever came to heaving up my guts on a job. I have never seen a fireman get sick or pass out while working; it happens after the job is over and you think back about the details. Then it hits you. I recall a new recruit who
started with the squad not long ago. The old hands told him that if he ever felt faint on a job just to bend over and act as if he were tying his shoe lace. This, they assured him, would put pressure on his stomach and the bending over would send the blood to his head.

A few days later we got a call to a doctor's office where a resuscitator was needed. When we arrived we found a patient on the examining table-a patient who had stopped breathing. We applied the resuscitator and the doctor set about giving a huge hypodermic of adrenalin.

As the doctor jabbed the big needle into the patient just below his ribs, the needle struck something that caused it to make a grinding sound. Then, when he pulled the needle out it was bent. The adrenalin seemed to do no good, so the doctor quickly cut a huge hole in the man's chest to expose the heart, which he proceeded to grip with his hands and massage.

At this point I looked around the room and I saw our rookie fireman heading for the door and bending over as if tying his shoe at the same time. We kidded him about this for a long time afterwards.

Some of our calls are downright humorous. We went out on one alarm to a house from which great white clouds were billowing from upper story windows. It looked like the smoke of quite a fire.

We donned our gas masks, picked up exhaust fans and tarpaulins. Two hook and ladder trucks were putting their ladders up to the upstairs windows and three pumpers were laying hose from the hydrants. Two district chiefs' cars had rolled up and four police cars were lined up, handling the traffic.

The hose men followed us to the second floor. As we burst into the room at the head of the stairs a very startled man, who had been steaming wallpaper off the wall, said, "What's going on here?"

Someone down in the street had seen the steam from the steaming machine rolling out of the windows, where it turned into clouds of white steaming mist as soon as it hit the cold air. It looked like smokeenough so that it fooled us too. So, eight pieces of fire fighting equipment and 34 firemen and 8 policemen had been called to a false alarm.

Another time a dog catcher was
sent out to rescue a dog that was trapped in a storm sewer. The dog catcher had run his arm down between the grates of the sewer in an attempt to get a rope around the dog's neck. But when he tried to pull his arm back out of the grates he found he was also trapped in the sewer. So the fire department was called out to rescue the dog catcher.

We were called out once to a cave-in in which two men were trapped in a sixteen foot deep ditch which they had been digging. One man was completely buried and the other was buried up to his chin. The first man we dug out was, of course, the one completely covered up. Then we began digging out the second man. The completely buried man recovered as soon as he hit the air, and all the time we were digging out the second man, this first one was sitting there griping about what this cave-in had cost him. We couldn't figure out his gripe at first. Finally, one of the firemen asked him if he didn't think that getting out of it with his life was a good bargain, and the fellow said, "Yeah, but a clod knocked out my false teeth and they're buried down there somewhere in that mess. And it's going to cost me plenty to replace them!"

Humorous incidents are, however,
few and far between. There is nothing humorous about pulling four charred bodies from a burning ho-tel-bodies with the skin hanging in long, black strips from the arms and legs. And there is nothing humorous in a mother running up to you with a small, black bundle in her arms and holding out the charred bundle to you and crying, "Please! Please do something!"

Nor is it any fun to pull bloody, mangled bodies out of twisted, wrecked automobiles. Nor is it amusing to fish bloated dead bodies out of the river, or to transport a body that has been dead in bed for days before it is found. They blow up like balloons and the coroner must come and puncture them to allow the gas to escape so they'll deflate to a normal size. The smell of one of those stays for two weeks.

WE cover just about every type of accident known. In thirteen years I have covered auto accidents, drownings, cave-ins, plane crashes, train wrecks, heart attacks, fires, refrigeration leaks, choking babies. These are the common cases. There are many freak accidents-some of the sort of accidents that have never happened before and may never happen again.


I pulled one man from what was left of his car, after he had collided with a milk truck. The rear wheels of the truck went over the car and the man. His head was smashed to twice its normal length. The same night we had a freak accident not far from the station house. Two men had left a restaurant together after eating. The driver of the car had parked his auto across the street, in a parking lot. He told his buddy to wait for him on the sidewalk while he went across the street and got his car from the parking lot. He then drove his car out of the lot and headed directly across the street to pick up the other man. While attempting to drive across the street he was involved in a minor collision with another car, and his car went out of control and careened across the street, over the curb and onto the pavement-and shoved his waiting buddy across the pavement, pinning him against the wall of a building, crushing him to death. But he was still alive when we got there. He died in the ambulance on the way to the hospital.

One time we had to jack up a city bus to extract what was left of a pedestrian who was caught in the undercarriage of the vehicle. The victim, a woman, had stepped in front of the bus. She was shoved to the street and the wheels passed over her, her clothing got caught on the undercarriage and she was dragged along and ripped to bits.

In the summer we handle drownings from swimmings, and in the winter we're called to pull them out when they fall through the ice. Last summer we were called to city park's lake on a drowning. The lake in a city park is not a place for swimming. This lake is filled with cold water and has mud in its bottom.

THE parents of a child who had been picnicking in the park missed the child and began a frantic search for her. When they were unable to locate her they called the fire department to search the lake, fearing she had fallen in. Because of the deep mud and the many snags at the bottom, it was difficult to drag the lake. So another fireman and I slipped into our swimming trunks and put on our self-contained gas masks which we now proceeded to use as aqua lungs.

I walked on the bottom of the lake, the water getting deeper and
deeper towards the center. As I went down the water grew colder and the sunlight took on an eerie glow. My feet sank into the mud and the going was tough. My partner worked twenty-five feet to my left and we moved slowly back and forth, covering the bottom of the lake. We stirred the mud so much that eventually we could hardly see at all and it became a matter of feeling for a body.

W E had searched for some time when my leg brushed against something soft and solid. I stopped and felt the something-and I knew our search had come to an end. I picked up the body of the child and made my way ashore. She had been lying on her side, half buried in the soft mud.
Four hours had elapsed since the family missed the child and the time we got there, so there was no doubt but what she was dead. However, we stretched her on the grass and as we did so a muscle spasm jerked one of her legs. The parents cried out and began to plead with us to try and revive their child. We knew that muscle spasms are a common thing in recently dead bodies, and it was heartbreaking to us to realize that we could do nothing to help the pleading parents.

We go out on many different miscellaneous types of rescue calls. One day it was a man who was trapped in the tub of a ready-mix cement mixing truck. He had climbed into the big drum to scoop out the remaining concrete. However, he had left the motor of the truck running and the exhaust fumes had seeped into the tub and he was overcome.

Two of us climbed into the tub to get him out. He was only temporarily incapacitated.

The next day it was a baby who got its head caught between the slats of its crib.

Sometimes a rescue involves nothing more than cutting a stuck ring off a person's finger. I almost lost my own finger once in a rescue call. It was a suicide call. A young airlines stewardess evidently was having love troubles and she tried to end them by swallowing a bottle of blood pressure pills. When we arrived she was still alive, and when we revived her she was very angry that we had saved her life. We relieved her of the toxic
medicine by forcing her to vomit it up. This was done by my sticking my finger down her throat. She was conscious enough to know what was happening and she promptly bit my finger so hard that I thought that was the end of one digit for me.

Recently we went out on a call in which a four year old girl was caught in a washing machine. She evidently had been playing with the machine and her hand got caught in the wringer. The gears of the machine had no cover on them and as her arm went further into the machine her body was pulled closer and closer until finally her clothing was caught in the gears and eventually her skin was caught. The flesh was ripped from her chest all the way down to the bone; the entire chest looked like spaghetti and we had to use a razor blade to cut her torn skin free of the mechanism.

Another time, shortly after this incident, we were called to a butcher shop to rescue a butcher who had caught his hand in a meat grinder. Before we could get the machine shut off he was in up to his elbow. His hand was so badly caught and mangled that we had to dismantle the grinder and take the butcher, with his hand still in the grinder, to the hospital.

0NE most unusual call was to aid a parking lot attendant in a motor hotel. The hotel was a ten story structure for parking automobiles. The cars were driven up ramps and parked on the various floors. An elevator then was used by the attendants to either go further up or to return to the street floor. An attendant had driven to the sixth floor with an automobile, then, after parking it, he went to the elevator to continue to the tenth floor to bring down another car. He waited some time for the elevator to come down, and finally he impatiently stuck his head into the hole in the glass of the door shielding the elevator shaft, to see if the car was moving his way. Just as he stuck his head into the shaft the elevator came down from the floor above, struck his neck, broke it and cut his throat on the glass of the elevator door. At this point the elevator jammed and stopped, otherwise it would have sheared his head off clean.

When we arrived on the scene the
attendant was standing in an upright position, but very dead. He still held the parking stub of the car he was going to the tenth floor to get, tightly gripped in his hand.

Sometimes our rescue jobs can be very dangerous. I will never forget the time we pulled the pilot out of a downed B-36 while high octane gasoline was burning all around us, and 20 mm shells in the plane's guns were popping off wildly. We were lucky that time. None of us were hurt.

But sometimes we're not so lucky. Last year two of our men were crushed when a building caved in on them during a fire. Four of our boys had gone up to the second floor of
this burning warehouse. They were wearing gas masks and they were taking a hose up to a point where firemen without masks could not go. About the time they reached the second floor the roof let go and the four men were hurled to the basement. Two of them were pinned and trapped by the debris. The other two were crushed to death. It took us four hours to dig them out. We were lucky at that-lucky that two of them came out alive.

But we can't let the thought of danger stop us for it's our job to save lives even though we may have to risk our own lives to accomplish it.

## MADMAN continued frompage 18

muffled hollow bellow of rutting bull moose rolled and echoed over the remote unmapped hills deep in the mountains of southwestern Alaska. And somewhere in the wilderness roamed a crazed killer; Klootuk and his reindeer dog.

A few hardy trappers reaped a rich harvest every winter in the wealthy fur trade. A handful of these men, fishermen from the Bristol Bay salmon districts, invaded the Nushagak and its three main tributaries, the King Salmon, the Mulchatna and the Chichitnuk rivers-which were the citadel of a little brown man with strange eyes who had sworn to kill all whites who dared climb the rivers he regarded as his own.

Driven into the remote headwaters by his own kind after a rumored murder in the Eskimo village of Koliganek sometime in the early '20s, Klootuk became an evil living legend among whites and natives alike. And even today, whispered mention of that dread name will bring a flicker of fear into the eyes of all who live in that strange isolated country.

Ole Wassenkari and Harvey. Sackrison were a pair of greenhorn trappers that cold Arctic night when a strange scratching sounded at the door of their lonely cabin located in the headwaters of the Kingsalmon. They thought it might be some sort of a strange animal-a wolverine, perhaps, so Ole took up his rifle as his partner swung the door wide.

A ragged little Eskimo padded into the room followed by a large black
and white dog. The man's face was white with frost, and he silently crouched before the Yukon stove.

His face blank with astonishment, Ole turned to his partner, "Who's that?"

Harvey. shrugged. Turning to the Eskimo, he said, "You savvy English?"

The Eskimo ignored him, staring fixedly at the rifle Ole held.

Suddenly remembering his manners, Ole carefully hung the rifle on its pegs and ladled out a bowl of rich beaver soup.

The Eskimo gulped down the food. Then he took a small bundle of rags from beneath his shirt. Slowly, in the light of a flickering candle, he unwrapped layer after layer of cloth and birchbark.

The little man finally removed the last layer and displayed his treasurefour kitchen matches. He pointed first to them, then to himself. Ole nodded and placed a box of matches on the table.

The native smiled then, for the first time, and a second bundle appeared from his pack. He carelessly tossed it on the table indicating that the men should open it. Inside were five prime furs worth possibly four hundred dollars. He then ranged around the cabin, pointing at various provisions until a large pile accumulated in the middle of the table.

At last their strange visitor was satisfied, and ignoring their invitation to stay the night, the ragged little Eskimo loaded his pack and stepped

course Before empleting the course, writes. A. B. Aretz of Tarentum \$110, the other for \$14s. They were punched nut on a borrowed wheruite: itworit dixtionary on one side, the $\mathrm{P}_{3}$ lmar lessons on the other. Wher the $:$ :uing gnt tough, I turned to the lessons. The answer was there luck? Plenty of it! But, was there. Luck: Pl heip It But with the cimbiuled he'P 1 am re cerving front be lucky agein.

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out into the night. The thermometer hovered at $-25^{\circ}$

One of those men would meet Klootuk again-but on that occasion, Klootuk would be the one with the riffe! In any case that was the only time the strange little brown man ever traded with white trappers-and left them alive to tell about it.

INN the winter of 1926-'27, Ole and Harvey each had new partners. Harvey had a cheerful halfbreed named Charlie Anderson from Snag Point with him, while Ole had taken a Finn sailor-turned-trapper named Jack Aho in his new camp at the lower end of the Chichitnuk.

Break-up, the spring of '27 was later than usual. The preçeding fall Ole had agreed to wait at the mouth of the Chichitnuk for Harvey who was wintering clear in the spring swamps at the extreme headwaters of the Chichitnuk. Ole had a heavy freight canoe, while Harvey had only a very light boat, entirely unsuited to the lower Nushagak. And besides it wasn't a bad idea, in those days before radio and airplanes, for trappers to keep close track of each other.

The last ice moved out of the Chichitnuk on the 28th of May. The men anxiously watched the small pile
of provisions melt as they waited for Harvey's blue canoe to appear around the bend. The second, the third and the fourth day passed. The river was falling fast, and further delay meant long, hard portages. But Ole and Harvey had come to Alaska together. As greenhorns they had broken each other in. And on the fifth day, Ole and Jack reluctantly pushed the heavy freight canoe into the stream and began the long upriver grind.

It was three days before they reached the little slough out of which the Chichitnuk flows. On the bank perched the tiny headquarters cabin Harvey and Charlie Anderson had built the preceding Fall. No smoke came from the chimney.

The men yelled. The sound faded and the indignant chatter of a squirrel mocked them. From behind the small ridge came the hollow tok-toktok of a woodpecker. Otherwise the clearing was silent. They pushed open the cabin door. The musty, mouldy smell told them that the door hadn't been opened for a long, long time.

Ole stood for a moment in the doorway. The cheerful, sunlit clearing, the dapple shadows cast by the tall spruces, and the sparkle of the blue water suddenly seemed malignant. A tiny prickle of fear hit him.

them without help. But they could easily see the bullet hole in the exact center of the neck.

Nearly prostrate with grief, Ole covered the body with his best blanket and whispered a soft farewell that had something in it of all the nights and days they had shared, the cold, the hunger and the danger.

The long summer daylight made it possible to travel night and day. And only a little over 48 hours after leaving Harvey, they arrived at Snag Point, utterly exhausted.

The resident U. S. Commissioner quickly appointed a posse to bring out the body and make a search for his partner. But Charlie Anderson, the cheerful kid from Snag Point, was never found. There is little doubt that Klootuk ran him down after murdering his partner. The wound in Harvey's neck suggests that the trapper might have been shot while kneeling over a trap. And the superstitious old people among the Eskimos probably have stories about poor Charlie fleeing through the Arctic wastes unsuccessfully hoping to escape the mad Klootuk-like a rabbit from a fox.

Two months later, Butch was freighting a winter outfit up the Nushagak to Old Man Creek for two trappers, tough cockle little "Pinky" Peterson and big stolid Andrew Kolwik.

The final trail camp was made only a few hours from their destination. The long hard days with the line and pole exhausted the men and after a hurried supper they gratefully rolled into their blankets.

Men living in the wilderness often develop the ability to awaken instantly at any unusual or unexpected noise. Butch woke in the dark early morning-and heard a paddle softly strike the side of a canoe!

Catlike, he rolled out of his blankets and, taking his gun, softly moved down the beach to his boat. For a few moments he waited, crouching motionless in the boat's shadows-and then he heard the faint gurgle of water swirling behind a deeply thrust paddle. Out of the mist loomed a shadow slightly darker than the night, and a canoe softly grated on the sand.

A small figure eased over the side, rifle in hand, and a large animal followed.

Butch raised his rifle. "Hold it!" he roared.

The gun fell with a clatter on the OCTOBER, 1957

A strange man in Los Angeles known as "The Voice of Two Worlds," is offering, free of charge to the public, an astounding 64-page booket analyzing famous world prophecies covering these times. Written in 1951, it successfully predicted that the next great world crisis would be at the Suez Canal. It shows that four of the greatest prophecies could not come true until the present time. But now they can, and the years that change the world are at hand. Great dangers but still greater opportunities, confront forward looking people in 1957.
"The Voice of Two Worlds," a well known explorer and geographer, tells of a remarkable system that often leads to almost unbelievable improvement in power of mind, achievement of brilliant business and professional success and new happiness. Others tell of increased bodily strength, magnetic personality, courage and poise.

These strange methods were found in far-off and mysterious Tibet, often called the land of miracles by the few travelers permitted to visit it. He discloses how he learned rare wisdom and long hidden practices, closely guarded
for three thousand years by the sages, which enabled many to perform amazing feats. He maintains that these immense powers are latent in all of us, and that methods for using them are now simplified so that they can be used by almost any person with ordinary intelligence.
The 64 -page booklet he is now offering free to the public gives guidance for those who wish to prepare themselves for the momentous days ahead. It gives details of what to expect, and when. Its title is "Beware of These days!"
The book formerly sold for a dollar, but as long as the present supply lasts, it is offered free to readers of this notice.
For your free copy of the astonishing prophecies covering these momentous times, as revealed in this 64 -page book, address the institute of Mental-physics, 213 South Hobart Blvd., Dept. 138-E, Los Angeles 4, Calif. Send no money. Just your name and address on a postcard or in an envelope will do. No obligation. Readers are urged to write promptly, as only a limited number of the free books have been printed.
pebbles, and the slight figure stood, head slightly bowed. It was Klootuk!

Taking no chances, they bound the Eskimo securely-or so they thought. It seemed foolish to bring the freight so far only to return it to Snap Point, so they decided to leave a guard with the Eskimo and push on to Old Man Creek which was merely an hour or two on upstream. So at daylight Kol, wik and Klootuk watched the heavily loaded boat out of sight around the bend.

WHEN the boat returned in the early afternoon, Butch and Pinky stared in mute horror at the carnal scene on the sandbar. The cries of the wheeling, diving seagulls added a macabre note to the grisly picture. The mangled remains of Andrew Kolwik lay partly in the Mulchatna, but great smears of his lifeblood had splashed clear across the gravel, and the ground was torn up so it was impossible to tell exactly what had happened.

Somehow, Klootuk had gotten to a rifle, because poor Kolwik's arm had nearly been torn off by a bullet. Some obscure motive in that twisted brain
then prompted Klootuk to abandon the gun, and Kolwik had been literally butchered with the campaxe! The manicidal fury of that attack was beyond anything human. Butch and Pinky sadly gathered Kolwik together and returned to Snag Point, abandoning the outfit at Old Man Creek.

Meanwhile, Jack Aho who had trapped with Ole Wassenkari the preceding year was returning to their camp, alone. Aho was evidently a man of great courage-but small in: telligence. As he shook hands all around, and had his final drink, he bragged, "If trapping's no good, I'm going to hunt Klootuk!"

Whether he actually hunted Klootuk or whether, more likely, Klootuk hunted him, no one knows. But after the idlers on Lowe's dock watched him out of sight, no one-with the likely exception of Klootuk-ever saw him again. An intensive search was made-but there was no sign that he had ever gotten to his cabin! He simply vanished, as did Charlie Ander-son-as did Klootuk himself.

The little Eskimo never appeared again. Several prospectors and trap-
pers in the years since 1927 have claimed to have found his bones, but have never brought in any proof. A few years ago, however, one prospector stumbled across a tiny cabin high in the mountains between the Nushagak and the Hoholitna Rivers. Beside the skeleton of a man lay the
skeleton of a large dog. Was that dog a black and white reindeer dog? Nobody knows.

And although nearly thirty years have passed since Klootuk last appeared, when the temperature dips way down and the Arctic gales moan around the cabin and your nearest
neighbor is fifty miles downstream, and you hear a peculiar scratching at the door, do you open it?

If you do, open it slowly, and look to see if there's a reindeer dog beside the slight, ragged figure of the Eskimo. It might be Nickoli Klootuk -the Wildman of the Mulchatna.

## HYPNOTISM continued from page 20

subjects to commit every crime from self-destruction to murder. One of these crimes will be a double murder committed in the course of a bank robbery by a hypnotized man. First, however, for some authoritative opinions concerning the devastating powers of hypnosis.

In his book Hypnotism, G. H. Estabrooks gives an example of how a Secret Service agent could be hypnotized and turned into a literal walking zombie. "We hypnotize our man," says Estabrooks. "We give him our message . . . a whole book if necessary . . . start him out . . . with the instructions that no one can hypnotize him under any circumstances except Colonel Brown . . . It is useless to intercept this messenger. He has no documents and no amount of 'third "degreeing' can extract the information, for the information is not in the conscious mind to extract. We could also make him insensitive to pain so that even the third degree would be useless."

Not long ago I interviewed the well-known New York hypnotist Dr. Davis F. Tracy, author of such books as Modern Hypnosis, Dental Hypnosis and How To Sleep Without Pills Dr. Tracy had had the unusual experience of serving as psychologisthypnotist for the St. Louis Browns, "talking away" aches and pains in the ballplayers. The experiment was flatteringly successful, for Dr. Tracy, although engaged at first for only a short time, was kept on throughout the season. In talking with me he constantly emphasized the deceptive powers of hypnotism, and told me something that was complete news to me-that in numerous combat forces hypnotism is now used to give troops abnormal fearlessness and resistance to pain and fatigue.
"Hypnotism and auto-suggestion or self-hypnosis," said Dr. Tracy, "years ago abundantly demonstrated
their powers to short-circuit or block out either real or imaginary pain of the severest intensity . . . The reason there are few sufferers from combat 'shock' or so-called 'battle fatigue' in Russian, British, and German hospitals today is because hypnotism was widely used to wipe out all subconscious memory of the harrowing experience . . . Today, every Russian military doctor and Red Army nurse is trained in hypnotism, while all Soviet fighting men, as a part of their training, are hypnotized in groups until they become 'instant subjects,' after which they go on to learn how to hypnotize themselves."

$B^{Y}$
Y hypnotic deception, soldiers about to go into battle can be told that the enemy is firing "dummy ammunition," and consequently will not believe that they are shot even when they are riddled with bullets and dying. Such men keep going until they are literally dead. It was Dr. Tracy's firm opinion that there should be hypnotist-physicians in our armed services, and that the G.I.'s should be taught auto-suggestion as a means of eliminating pain when wounded and painkillers such as morphine are not available.

Estabrooks admits frankly that the possibilities of crime available to a highly skilled and intelligent hypnotist "might be great." In a series of experiments at Syracuse University not long ago, Wesley Raymond Wells was able to make hypnotized subjects perform a considerable variety of anti-social acts, such as stealing from the rooms of acquaintances, merely by telling them that what they were taking was actually theirs. More startlingly, he made the subjects powerless to perform any one of 10 different acts, no matter how hard they tried. They were unable, for example, to recall their own names, open their eyes, or hear any voice
other than that of Wells. The experiment made them unable to see things that were in full view and also made them see things that weren't there.

This power of visual hallucination is capable of wreaking great harm when wrongfully applied. I have seen a hypnotized subject standing on a chair in a condition of extreme panic; the hypnotist had told him that he was standing on a ledge at the top of a tall building. Conversely, I have been assured that a hypnotist could, if he wished, tell a subject to jump from any height he pleased and the subject would jump provided he had been told he was merely jumping from a chair to the floor. The possibilities for murder in this are frighteningly obvious.

All professional hypnotists are aware of the almost unlimited power they have over thoroughly hypnotized subjects, and are careful to avoid having subjects perform acts of a humiliating nature unless the subjects have consented to that sort of buffoonery in advance, It is not true that in some stages of hypnosis the subjects are unconscious; they may be fully awake and aware of what is going on yet unable to exert their will. Quite a few prankish or illeducated hypnotists have been punched in the eye, scratched, or otherwise mauled by indignant subjects after they released the subjects from hypnotic control.

I myself have seen hypnotized persons drink noxious liquids (which could have been poisonous) in the belief that they were drinking milk, bark like dogs, mew like cats, crawl around on their bellies like snakes, and perform all sorts of other antics. One of the commonest of hypnotic tricks is to put the subject into a very deep or cataleptic trance, then tell him that his muscles are as rigid as steel; he becomes fantastically tense and in this condition can be
placed like a metal bar on two chairs with the back of his head on the seat of one and his heels on the seat of the other-he is so rigid that half a dozen persons can stand or sit on him without bending him a fraction of an inch.
These are mere tricks, but they amply indicate how dangerous hypnotism can be if it is abused. There have been times when scientific experiments with hypnotism nearly resulted in disaster. In one such instance, in the United States, a soldier was hypnotized and instructed to attack a lieutenant. Of course the lieutenant was prepared to defend himself and he did so, but nobody realized at the start of this test that the soldier was carrying a concealed knife. He whipped out the knife and would have stabbed the lieutenant to death had not two other soldiers grabbed his arms just in time.

IN a similar instance, a United States soldier was hypnotized and told that a colonel was an enemy soldier and to attack "the enemy." He did so savagely, despite the fact that the colonel was in U. S. Army uniform and was personally known to the hypnotized man.

It is possible to produce all the symptoms of acute alcoholism or chronic drug addiction through hypnosis. In one experiment along these lines, Dr. Von Schrenk-Netzing of Munich told subjects they were drugged with hashish; their symptoms were typical. Ferel of Zurich told subjects they had been on a prolonged drunk and that no alcohol was available for them; they showed all the signs of alcohol deprivation such as profuse sweating, extreme weakness, fluttery pulse, nausea, trembling hands, headache, dry mouth, and so on.
Ferel also temporarily turned a law-abiding citizen into a would-be killer-although nobody was killed. He merely handed the hypnotized man a bit of chalk, pointed at another man and said, "That person is evil; he should be killed; stab him." The subject stabbed the other man over the heart with the bit of chalk.
Many more examples similar to these might be given. They all attest that - hypnotism, in unscrupulous hands, can be deadly. It is difficult, of course, to actually obtain cases in which hypnotism has been used for

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criminal ends, since when the criminal is uncaught the connection with hypnotism remains unestablished while even if he is caught it may not be apparent that hypnotism was employed. However, there have been several "murders-through-hypnotism" in Europe recently. One of the most deliberate follows:

Just before bank-closing time of 3:00 P.M. on March 29, 1951, a young man of 33 named Palle Hardrup walked into the Midtown Bank of Copenhagen, Denmark. He walked quietly to one of the teller's windows and produced a revolver and a canvas bag. "Fill the bag with money," he said in a curiously toneless, mechanical voice. "One false move and I'll shoot."

The teller started to do as he was told, but the teller in the adjoining cage noticed what was going on and set off the burglar alarm. With auto-maton-like calm, Hardrup shot both telless through the heart, using a single shot for each. Then, although the partially filled bag of money lay within easy reach, he turned and walked out of the bank.

He walked across the street and
about a block and a half to a car parked on a side street. He calmly got into the automobile, sat down and waited. By that time there was a furore in the streets; people recalled afterward that Hardrup had never hurried or seemed excited. Few had even noticed the gun in the walking man's hand, and those who had had not associated it with the possibility that a crime had just been committed.

Hardrup put the gun down on the seat beside him and just sat there. He was still sitting there motionless when the police arrived. He offered no resistance as he was arrested.

When the police started to question Hardrup, they thought at first that he was a low-order intellect, a near-idiot. He did not seem to hear questions, the expression on his face was consistently vacuous, and he did not appear to realize what was going on. So the police summoned a psychiatrist, the famed Dr. Paul Herter of Copenhagen.

It was soon established that Hardrup was the veritable slave of an amateur hypnotist and ex-convict named Bjorn Schouwe Nielsen.

Neilsen-a powerful, brutish man
of 39 -was arrested. He denied having had any connection with the attempted bank robbery and murders. "Hardrup is crazy as they come," he said.

Hardrup consented to be questioned while under the influence of "truth drugs." He confessed that the year before he had committed another bank robbery in which he had obtained 21,500 kroner, and that he had given all the money to Neilsen. "I am responsible for these crimes," he said, "and yet I am not guilty. My 'guardian angel' commanded me to do what I did."

$\mathbf{H}^{\text {® }}$E was placed in a psychiatric ward, and Dr. Herter continued his patient questioning which ultimately was to comprise more than 400 pages. Hardrup revealed that Neilsen had hypnotized him many times, and, while he was in trance, had taught him in detail how to rob banks. He had acquiesced in the crimes because Neilsen had taught him that he needed the money in order to become the "saviour of Europe." By this device his ethical scruples had been overcome.

Both men were charged with robbery and murder, and trial got underway on June 16, 1953 in Copenhagen Supreme Court. The long delay- 39 months-had been occasioned by the necessity for establishing, beyond reasonable doubt, that a man could be made to kill by means of hypnosis.

It was established that Nielsen had had absolute control over Hardrup, and had conducted many hypnotic sessions at which he had demonstrated this power over the younger man. "When I was with Nielsen," Hardrup testified, "I felt as though I stood at the gates of paradise. I gave him everything I had, even my beloved harmonica."

Hardrup was asked how he had committed the crimes. One question was: "Do you remember the feeling you had when you entered the bank?"

His reply was: "I can only say that I was very calm. I did what the voice in me commanded me to do. I did it all mechanically."
"Why did you leave without the money?" he was asked concerning the second holdup.
"I can't say why I did," he admitted. "I couldn't act on my own accord when the money wasn't handed to me." This statement alone demonstrates the zombie-like state he was in.

Neilsen insisted that Hardrup was insane and $\mathrm{k} . \mathrm{d}$ been so for years. But it was proven that the revolver which had killed the two tellers was Neilsen's, and it was indicated strongly that he had fled from the vicinity of the get-away car the instant he saw Hardrup approaching with the gun and without the money. It was proven that he had received all the money from the 1950 bank robbery and that Hardrup had supported him for years.

On July 17, 1954 both men were found guilty, Neilsen being found guilty of having employed hypnosis to incite Hardrup to commit criminal acts. Neilsen was sentenced to life imprisonment, Hardrup was declared insane and committed to a mental institution.

Thus ended one of the strangest criminal trials of recent years-a trial which established on the record that hypnotism can be used for criminal purposes.

Thus it is obvious that hypnotism, when practiced by the unscrupulous, can be utilized in the commission of almost any sort of crime. In view of the current great interest in the subject, the following advice seems all too necessary:
(1) If you are going to dabble in hypnotism, make sure of the integrity of the person or persons to whom you entrust yourself in hypnotic experiments.
(2) In general, do not allow yourself to be hypnotized unless at least
two other persons are present-exceptions being when you are well-informed concerning the character of the hypnotist or he is a bona-fide and reputable medical doctor or psychiatrist. (As a matter of fact, most reputable hypnotists do not like to work alone with their subjects because of the danger that some crackpot or opportunist may charge them falsely with having committed some sort of offense.)
(3) If you learn how to hypnotize -and bear in mind that it is not dif-ficult-avoid experimenting with subjects who are emotionally disturbed, mentally ill, or criminalistically inclined. The safest hypnotic subjects are normal citizens of good intelligence. They are also the easiest to hypnotize; actually a low-grade or psychotic intelligence is difficult or even impossible to hypnotize because of inability to maintain cooperation.
(4) Observe "The Golden Rule" in hypnotizing. Do not have a subject do anything that you would not be willing to have required of you if you were the subject.
(5) Unless you are properly qualified and licensed, do not attempt to apply hypnotism in the treatment of any sort of illness. In particular, do not apply hypnotism in the alleviation of pain, except in an emergency while awaiting the arrival of a physician. Much harm has been done by misguided non-medical hypnotists who, by stifling pain in subjects, led the subjects to believe that they were not seriously ill and in some instances delayed proper treatment until it was too late.

If you will follow these suggestions, there is little likelihood of your getting in trouble, or getting anybody else in trouble, through hypnotism. But bear this in mind always; hypnotism is much more than an amusing little psychological toy. It can be hideously destructive, even lethal, when used unwittingly or when deliberately misused.

## the Day death was King continued frompage 27

are thankful if their caulks (spikes in the boot soles) are sharp, and most of the men religiously file the caulks once a week to keep them keenly sharp.

With a man's life sometimes de-
pending upon the shoes on his feet, riverjacks take great care of their well-caulked boots. Each day after work the boots are washed thoroughly inside and out when the men remove them from their feet. And some of
the 'jacks warm the big boots up on cold mornings by pouring hot water in them before putting them on. The leather is well oiled so the water does not penetrate.

In addition to the boots, the other
important tools of the river jacks' trade are a pike at the end of a long pole (used to hold logs close to the boat to guide the moving logs or to unjam a mass of logs. This instrument is called a peavy, named after a Maine blacksmith, Joseph Peavy, who invented the levered hook in 1858.

The eighty-mile trip down the winding Clearwater had an uneventful beginning. Harvey Spears, the cook, had fed the crew forty pounds of steak at noon, twenty-five pounds of roast at supper and ten pounds of bacon for breakfast. Everybody was in good health and good spirits.

Joe Ross, French-Irish drive foreman who had been making the drive for twenty-three years, was in charge. Joe is full of statistics which he claims prove it is cheaper for the company to float down the Clearwater than it is to send them to mill by rail. It costs about $\$ 3$ per thousand to get the logs from logging camp to the mill by railroad, and only $\$ 1$ per thousand on the river. According to Joe's figures, that is.

The second day out the crew sat around in the sun, working on their peavies and sharpening the caulks on their shoes and talking; spinning yarns about the thing they all knew best-logging.

It was about noon when the log jam came into sight. The center jam was standing still and the logs were piling up around it. The wanigan cruised around a curve in the Clearwater and there it was.

The river jacks leaped for their peavys and went into action with the enthusiasm of men of action who have been sitting around taking it easy for a while. Nobody, as usual, reached for the safety belts and they stayed where they'd been hung the day the logging superintendent brought them out.

The peavy men went to work on the outer rim of the jam, working their way towards the center. Log after log was selected, the peavy spike jabbed into it and a swift above sent it off into deep water. The jam had centered around a pier jutting out into the river. The water around the pier was shallower than that in the center of the stream, hence the jam was slyggish at that point.

A survey of the center jam was made and a man sent back over the logs to the wanigan for a power saw. The saw would be used to cut the

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key $\log$ in half. Most jams are caused by one key log holding all of the others locked in place. Once the key log is cut and shifted the whole jam will loosen and the logs will once again begin their orderly trek down the stream of water.

There's a saying among loggers that "nothing travels faster than the last man off a log jam." And every eye and foot was alert now, as the sawing of the key log began.

On the pier "cat-men"-drivers of caterpillars-were working at the jam, too, helping the center men to release the key log. Winches were attached to logs around the pivot log, and the cat would then pull the logs out of the jam.

The danger would be in having a log shove up out of the jam and push you into the chilly water. Once a man was in the water in a $\log$ jam he has to fight the logs as well as the icy water. Hence the race to leave the jammied logs as soon as the key log begins to move.

The power saw hummed its way through the $\log$ in the wing jam, and one half of the key log shot upward. The move of the jam was swift, and when the riverjacks saw this they accelerated the pace of their movements, too. Every man raced for the outer edge of the jam, jumping agily from the shifting logs.

But the danger this time was not going to wreck its havoc on the peavy men. The men on the wanigan were watching the peavy handlers and not thinking of themselves. They were on
the outer edge of the log jam and in the middle of the stream.

But you can never tell which way a jam will turn when its key log is cut. And this jam was no exceptionit took a sudden swirling turn, and abruptly the wanigan was in the middle of a mass of fighting logs.

The first tumbling mass of logs that slammed against the boat knocked six of the watching riverjacks overboard. The trouble-maker among the logs was a huge jack pine that reared up out of the water and rammed the boat hard right in the center.

Three of the men managed to climb to safety aboard the big jack pine. The other three got caught in the swirling waters and fighting logs. And while their fellow riverjacks watched helplessly-the ones on the boat, that is, for the peavy men out on the jam were occupied with running for their lives to escape the moving logs also-the three in the water were pulled relentlessly to their death. The milling logs plunged and lunged around and above them. And the churning waters pulled them under. Their efforts to escape the water were frustrated by the plunging logs, which resisted their efforts to mount them for safety. It was a matter of the devil and the deep sea-and the sea won. The three men were drowned.

If they had been wearing the safety belts, as instructed, the riverjacks would not have been tossed from the boat. And as a result of that accident the Potlatch crews have worn the belts religiously.

## HORROW BELOW continued frompage 41

tions for the gold hunt had been made, in part, before .I joined the party in Santa Monica for the cruise down the coast to the secret "gold field." Last minute preparations, which took place at destination, were photographed by me, and I began to realize then that there was more to the project than I'd thought, from listening to the casual story.

Our equipment was carefully checked and attached to each of the four divers before they went below the water's surface. My own equipment was confined to the under-water camera with which I would record gold-hunting operation.

They went down one at a time, with the other three staying above surface, resting and attending the air lines, the lines on the canvas bags. I followed the divers down each trip, and recorded the movements required to mine the gold. For a while it looked as if it would be cut and dried, just as it had sounded. But on the second trip down the sea-as it usually does-produced a surprise.
Jervis was the diver this trip, and I was photographing his hands as he worked with a sharp-ended shovel to dislodge a promising section of rock. The jutting rock was more firmly embedded than it appeared to be, however, and Jervis reached back into the base of it to try and dislodge it at the roots. The next thing I knew his hand and arm disappeared into a hole beside the rock and his whole body was drawn roughly and strongly
along with the thrust, flattening him against the wall of rock that jutted flush upward from the small section he had been working to dislodge. I could see that he pulled against the force which had a hold on his hand, but from the surge of the muscles under his skin-tight suit I knew there was an unusually strong force pulling. against him.

Instinctively I had let my camera fall, to hang from the cord around my neck, and I plunged as fast as İ could to his aid. I grabbed his free arm and began to pull, all the while considering the danger we both faced in the matter of air-in a matter of seconds now we would both need to surface. Unless I could help Jervis to free himself of the force that had pulled his hand and arm into the hole in the rock, I would be forced to leave him and surface to save my own lifeand he would be lost.

It was a tense moment, one that needed more oxygen expended than we had to expend. And the possibility of its ending in anything but disaster was uppermost in both our minds; I could see in Jervis' face the things that fled across my own mind.

It was a combination of strength and determination from both of us, and the fact that.Jervis' hand was bare and therefore more able to slip from the slimy hold than if it had been covered. He was abruptly released and the force we were exerting in our pull propelled us both violently away from the rock, and upward.

We surfaced almost instantaneously. For a moment we tred water and gasped for breath together. Finally, we could use our voices.
"Any idea what that was?" I asked him.
"An eel," he said firmly. "A giant eel. I've run into them before down here. But always in the open, so we didn't clash. This fellow got a hold on me and was able to brace himself against the wall of rock on the other side. If I hadn't managed to worm my hand out of his grasp we'd have both pulled against that rock wall until I passed out. He couldn't have pulled me through that small hole, so Lord only knows how long he would have kept pulling at my hand and arm long after I was no longer pulling against him."

It was near-death of the type that every skin-diver faces constantly when he's under water. The sort of thing, however, that makes the game exciting, and sends you back for more, again and again.

There were other emergencies and near-disasters that day, but this incident which I chose to relate here was the most exciting-and most dangerous.

The gold? Yes, we brought up quite a load of gold-filled rock. Enough for several days work in the home-made processing plant which my friends had built in their large garage. A hobby that's exciting and interesting-and brings in money, too!

## THE GIRL WHO MAKES ROME BURN continuedfrompage 36

summer. News was scarce, and I was very surprised when one of them said, "Let's figure out a story on Novella!"
"Is that one of the tourist spots?" I asked naively.

A general roar went up. I figured I had said something pretty witty but natch, I wanted to be let in on the joke. That was when they told me about the girl whose age could be anywhere between twenty-six and thirty, who has a gamin face, a tiny but well-formed body and a gift for saying the most outrageous things in a frank manner that defies your doubts as to her veracity. When this one newspaperman in particular met Novella a few years ago, she was probably just as talented with the brush
as she is now, but nobody had ever heard of her and few of her paintings had sold. He suggested that she do something to make herself newsworthy, such as wearing something odd in clothing, for instance.

That afternoon she went to meet some friends in a fashionable cafe and wore a figure-hugging ensemble of a bright red velvet blouse and green satin pants. Since at that time it was unheard of for women to wear pants in Italy, an item appeared about her in the papers the next day and a few days later she sold her first painting. It was her first lesson in the value of publicity.

She has never stopped learning how to make news. Her weird exhibits in
the semi-annual Via Margutta outdoor art fairs in Home bring her top sales. She has been photographed to a fare-thee-well doing the kinds of things you would expect of one of her subjects-not of the artist herself. Recently she was photographed climbing a ladder at the Via Di Novella street sign-because she was adding her last name to it.

She hit the international publicity jackpot when one of her models, a Lisa Schneider, complained that a painting made as a personal favor of herself was sold by Novella to a night club for its display. After many postponements and considerable publicity the canvas was removed by court order. But immediately there
was a new lawsuit instituted by Lisa. It seems Novella came up with an unflattering surrealistic portrait of her out of revenge for the original charges.

Another girl has sued Novella for painting her portrait with her hair turned into coils of snakes. It is perhaps a strange painting, but people who come into Novella's studio are used to seeing paintings that are unconventional. In fact, most of them don't know where to look. "They look everywhere but at my paintings," she has been known to complain. One exception was Aly Khan.
"He came into the studio, sat down in the middle of the floor and systematically examined every painting. Yes, he liked .them-as art-not as a collection of vulgar pictures, which is the way many other people regard them."
Novella met Aly at a party at Rome's luxurious Excelsior Hotel. He had heard of her and wanted to be introduced. Immediately after he asked to see her studio. That same night he took her dancing. After that they spent lazy days in the country with Novella making dozens of sketches of him while he was lounging in the grass of the country. She still insists that he impressed her more than any man she has ever met, that the way he looks at a woman makes her feel she is the center of the most intimate feelings, both physically and spiritually.

0N the other hand she met Marlon Brando through a French girl they both knew, and before the night was over she knew this was a man she could never love. First he couldn't manage the chop sticks in a Chinese restaurant they went to, and ended scattering food all over the walls and ceilings because of his frustration. Then he spent the whole night in her studio lounging and talking about everything in creation, while the phonograph played and Novella sketched him. She felt that he was certainly a strange and vivid character, but definitely not the lovable type.
"Well, would you like to meet her? Interview her?" the group asked me. I couldn't refuse. The pictures they had shown me were certainly tantalizing. It was arranged that Novella and I would meet at the Press club for lunch the next day.

I was exactly on time and amazed to find Novella already there. She looked actually dirty-her make-up must have been put on the night before, as the eye-shadow on one lid was streaked by a nail that must have unconsciously rubbed across it, her hair needed a touch-up badly and a shampoo and combing even more badly, and it was obvious that her dress had been thrown on her and that she wore nothing underneath it. Besides, it was badly wrinkled.

Everyone sat there drinking for the next two hours, my first introduction to the Italian idea of "lunch" at 3PM. That was the time when Novella and I left the others to meet two young actresses who were to lunch with us. I still had gotten no chance to interview her. My press friends had warned me that Novella would pretend to understand or speak no English, but that she understood it very well. I knew very little Italian, so we compromised by speaking French, a language we both were acquainted with.

DESPITE her slovenly appearance, Novella carried off her hostessing responsibility towards me with a grand manner, performing the necessary introductions to people who came to our luncheon table to pay court to her. It was almost like a game of moving chairs. There was always someone waiting to sit down when another visitor got up to leave. Lunch took two hours. Fortunately, I had made no other plans. Novella was generosity itself about paying the check. Again I had been warned to let her do it, as Novella was usually treated lavishly by everyone else and made enough money to be able to pick up a tab when it was for her benefit.

As we walked out of the restaurant courtyard, (where I must admit that even the enigma of the reality of Parigini with the fantasy of her reputation had not prevented my enjoying my first real Italian food), I looked about for a cab, and asked Novella where to next. She opened her eyes wide and said, "But now I must nap. It would be impossible to do the interview without a nap."

Deadpanned, I put all my annoyance into a verbal rebuke and said, "I doubt very much that we could accomplish much if you're so tired. Perhaps another time?"


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Instantly, her manner changed. She was willing to forego her nap, as she saw that she might lose a chance at some publicity. But now I was firm, so we made a date for the next day after her nap-six-thirty in the evening. I knew that in Rome dinnertime was never before nine or ten in the evening, so six-thirty was like a cocktail appointment and good for business.

When I arrived at the Via Margutta for my appointment, I had to enlist the help of a small boy to find the house where Novella lived. She was certainly well-known. The moment I asked for him to help me, he cried out: "La Bella Novella, La Bella Novella," faces popped out of stores and side-walk loungers looked my way.

I climbed six concrete flights of stairs to her apartment, which is actually her studio, her home, the hub of her life. She was No. 13 on the door, but whether it is actually the thirteenth I didn't bother to find out. Like Novella's other tastes, it is appropriate because it defies taboo. She has a living-room, a painting room, a kitchenette of sorts and a bath. In the winter there is no heat except for a fireplace, and in the summer she sleeps in a net rope hammock from Africa, placed exactly in the center of the living-room, because it was a gift from Aly Khan. She calls her place "Settino Cielo," 7th Heaven, and is never so happy, she told me, as when she has parties. Since she knows "everybody" and "everybody" knows her, she gets a kick out of having princes, million-
aires, artists and film stars rubbing elbows with one another because they have one thing in common-knowing her. At one part she caused quite a stir because 300 guests turned up when thirty had been invited, and the venerable palazzo that houses her studio almost collapsed under the strain. To preserve the historic building she had to promise to limit the number of guests she entertains at one time.

While she was telling me this, and showing me her scrap books of stories on herself from all over the world, including behind the Iron Curtain, part of me charmed by her personality, the other slightly disgusted. Believe it or not, she still had the same messy make-up on (didn't she ever wash her face upon getting up?) because the scratch on the eye-shadow still showed, she wore the same dress and her hair still looked slept in. Perhaps she never took her clothes off except for Art's sake?

She returned a few minutes later, washed, hair combed and just a little lipstick on, dressed in pedalpushers and a sweater. Her eyes mocked me as tho' to say, "Who won?" and the interview was on the earnest.

I learned that on the wall of her studio is written "ill ne faut pas visiter le philosophe solitaire," but nobody believes that she ever meant it, that you mustn't visit the solitary philosopher. She admitted to me that by behaving "quite naturally", and letting people think that they will, she had built up a reputation with a cash-value for eccentricity. People

go out of their way to meet her, and she can get away with odd attire that might bring repercussions against someone else.

$A^{+}$T CAPRI, when she was painting in a bikini scanty even by Capri standards, instead of arresting her a policeman merely suggested that her costume was not quite adequate for public appearance. In Rome, she often goes about in slacks or blue jeans, but shortly after I got back to America, I read a column item to the effect that Novella had created a disturbance in Rome street by appearing in a bikini because of the high heat that day.

Novella often paints women with cats' heads. She says that a woman's character is feline-sweet and soft and fickle. This might possibly be why she says women hate her, that all women fear she will steal their men. To her a woman has in her body the sensual languor of a cat and in her eyes a cat's watchfulness. She discovered this, she says, at eighteen and had been painting women that way ever since. Many people feel that actually Novella is painting herself because she can don a very catlike expression sometimes about her own eyes-or in her remarks about other women.

Novella has three brothers and three sisters and is the youngest, as well as the only artist in the family. She was brought up in Siena, near Florence, and after discovering the delights of modern art when she was fourteen, she fought her parents for permission to go to Rome to become an artist and at sixteen finally ran away from home. At first she stayed with relatives, but when they were too strict for her standards, she moved to Rome's Via Margutta area, the headquarter for the city's art colony.

Listening to Novella talk, it was difficult to believe some of the things the newspaper people of Rome had told me. That she is a publicity figure of everyone's else's sculpting. When people suggest weird ideas to her, she falls in with them when they tell her what to say for publication, she says it. Nobody actually does believe anything she says to the press any more but they all admit that she's probably the first artist in Rome who had made money on her painting.

She scored her top artistic triumph
last Easter when she showed three paintings of Christ on the Cross. One has since been hung in the Berninibuilt Church of Santa Maria-Monet Sante at the Piazzo di Popolo. She had a recent exhibit in London and not one painting was returned. When she was in New York to exhibit at the Corning Gallery, all fifty-four of her paintings were snapped up. She says she has been doing about forty paintings a year for the last ten years in Rome, and has finally sold everything she has offered.

A lot of her sales-appeal has to do with the ways she capitailizes on publicity-prone subjects. She does not always paint nudes, even though they have gotten her the biggest press. Two of her "respectable" portraits, of which she is very proud, are the Queen Soraya of Persia and Shelley Winters, the American star. Each of these women supposedly strengthened her resolve to stay single, the very fact that Soraya was a queen emphasized the servitude of marriage to Novella. And since Shelly Winters was at the time going through her unhappy marriage with Vittorio Gassman, Novella made Shelley's eyes red in the picture, to emphasize her anguish and bitterness.

She claims that the two most perfect gentlemen in her life were Errol Flynn, Johnny Ray. Naturally, the announcement of her brief engagement to Johnny Ray did not hurt either of them press-wise, and whenever news becomes dull for the foreign press, there is always someone else available to who her forthcoming marriage (that never takes place) can be announced.

0NE thing Novella couldn't understand was why, when she finally decided men worth painting, Gary Cooper refused to allow her to paint him in Rome. It was only much later, when he had already left the country, that she found out her publicity had doublecrossed her for once! She was so well-publicized as a painter of nudes that he thought she would make him take off his own clothes!
"Why don't you tell your American readers that I am longing to return to America to see if I can find this perfect man to pose for me?" she suggested.
"Isn't that exactly what you stated in an article in a London newspaper here?" I replied. "That you wanted
to go back to England to search for your perfect male model in that country.

She shrugged and looked impish. "C'est diplomatique, n'est-ce pas?" I understood then why she could charm those hard-boiled American newspaper people in Rome to work for her and think they were doing it for themselves. The gal can really generate when she wants to.

I agreed with her when she said, "Being myself had been lucky for me. Even at the strict convent school in Florence where I went when I was very young. Everyone was wonderful to me. I got up when I wanted to, had my meals when I wanted to, went for walks when I felt like it. No one minded. The nuns never disciplined me, they seemed to like it!"
"Many of the things people say about me are untrue or exaggerated," she insists. "I do nọt care what they say about Novella the woman as long as they give the boost to Novella the artist. I do not bother to quarrel with anyone who says something unpleasant about me, but I will fight like-what you say-crazee, if anybody try to get to be boss with me . . ."

She was with friends in a Rome night club one evening when ex-King Farouk came in with his entourage. The place was crowded and the headwaiter asked Novella's group to give their table to Farouk as it was the choice one and the one he wanted. "I'm Faṛouk," the ex-king an-
nounced to them, as tho' this was sufficient reason to displace them. "Who cares?" the little spitfire answered. "I'm Novella Parigini! And refused to allow her friends to vacate the table. Farouk was livid, but there was nothing that could be done about it and he had to go elsewhere for his pleasure that evening.

Novella insists that marriage would be a prison, but constantly she is scandilizing people by her seeming affairs with this celebrity or that. She says she likes to dance in the night clubs until 3 or 4 in the morning and then stay up for hours painting. Would a husband stand for that, she muses?

I can't help but wonder how much of what she said to me is truth, or whether she is merely all things to all people, guided only by a desire to fulfill them, whether it be in a need for a story, or other things. Photographers insist that once they let Novella look at a picture of herself they never see it again. Certainly, the sight of wall after wall in her studio covered with her own publicity might lend credence to the statement that she loves to read about herself, can sit for hours looking at photos of herself.

If that is so, who am I to deny her the pleasure of one more clipping for her scrapbook, one more remembrance of an interview in Rome, on a hot summer evening, when somebody truly did want to just sit and talk with her?



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of spring frogs, and recalling how much Cal had liked the sound. They had come there together often, sitting on the rock at the edge of the tules, just listening, hardly talking at all. But it was only for the last years that the sump had seemed so quiet. A different kind of quiet. It was lonely there now, and Joyce had been almost glad when he heard the riders calling from the house. A year before he wouldn't have gone with them. And perhaps he wouldn't have gone this time, except that this night he'd been thinking of his brother.

HIS hat was lying under his right leg. He worked it loose and put it on, wincing with the effort. His hand touched his shoulder and came away wet with blood. For a while he sat there, feeling the stickiness, bringing back slowly everything that had happened. They had paused, after the long pull up the grade, to study the tracks, and perhaps for some of them to get their courage back. They had crossed the Nueses and all knew what that meant.

Joyce got to his feet and brushed some of the dust from his clothes. He was tall and heavy-boned, with sandy hair and a morning stubble of beard. He moved unsteadily across the hillside and found where the sorrel gelding was lying sprawled on the gravel slope. He saw the man, higher above it, and walked over to him.

The man was dead, and he was no one that Joyce recognized. He could be any one of the renegades that hid in the brush south of the Nueces. At least now there was one less. And he'd been a poor shot, Joyce thought abstractedly. He began to feel the pain in his shoulder now. The bullet had passed clear through, and there must be a bigger, redder blotch where it had come out. He knew the size of the hole that a rifle slug would leave. When his friends came looking for him, he must have seemed dead lying twisted there among the rocks. Though it didn't matter now. It was only important that they were gone.

He went over to the gelding and slipped the carbine from its scabbard. There was no canteen of water; they hadn't given him time enough
when they came riding into the ranch yard. Already his throat was beginning to feel dry. He picked up a pebble and put it in his mouth. It might help some. After he had climbed up through the rocks, he could see the land flatten out, dry, with only a few willows and the dusty bed of a creek breaking the plains. The Nueces was thirty miles away. Perhaps he'd find a friendly ranch, though he doubted it. He started to walk, the wound in his shoulder throbbing dully.

OYCE didn't know how many miles he had gone. He had long before grown used to the mirages, so that when he saw the house it seemed clear enough to him. It stood at the head of a shallow little valley, and there were creek willows behind it. When he got to it he noticed the grass changing under his boots, and he knew there was water in the creek. But at first the house seemed deserted. The poles of the corral were down, and there was no fresh sign of cattle. It was only when he heard the nicker of a horse that he took the Colt out of its holster. He stood waiting, weaving a little, sucking in deep gasps of air. Then he crossed the yard, his thumb on the hammer of the revolver. He saw that the latch string had been pulled in. As he started to knock the door swung open and he saw a woman. She was holding a Winchester, and he thought the muzzle of it was pointed somewhere toward his chest.

Joyce stared.
"Who are you?"
"I need water, ma'am," Joyce said at last. "I could use the creek . . ." He put out a hand to brace himself against the side of the cabin. The muzzle of the rifle swung up higher. He drew back, swaying again, and saw that he was still holding the revolver. He smiled at the woman and replaced it clumsily in the holster.
"Who are you?" the woman repeated.
Joyce could only see her vaguely. He wondered if she was old, or young and pretty . . . "I need water, ma'am," he said, but she didn't seem to move. "If I could just sit down .
in the shade . . ." she only stood there, blocking the doorway, the sun blinking on the rifle. He thought surely that she could see the wound in his shoulder. It was ugly enough. He took a step closer to her. "I got shot," he said. "I was . . ."

She didn't let him finish. "You can't stop here."

Joyce squinted at her. He could see the inside of the cabin past her shoulder, and what he thought was a water jug hanging from a nail in the wall. "I was with some regulators," he said. "From the other side of the Nueces. We were following a bunch of thieves . . . shot Meeker and ran off his horses. They jumped us, six . . . seven miles back . . . I need water."
"There's the creek," the woman said.
"I know . . . That's what I said . . ." He turned, but he knew he couldn't walk as far as the creek anymore. Long before the shoulder had begun to bleed again. He looked at the woman, angry now. For the first time he could see her clearly. She was young and pretty, and she seemed too frail to be standing there in the crude doorway of the cabin. "Where's your husband?" he said deliberately. His lips had swollen; perhaps he didn't speak clearly, perhaps she didn't understand.
"He'll be back in a minute," the woman answered. "If you want water, the creek . . ."

Joyce looked at the rifle, then reached out slowly and, batted it aside. He had to step up to the ledge of the doorway. He stumbled. He could feel the woman struggle, but he couldn't see her any more. He fell against her, and tried to reach for some support, but his arms seemed leaden. When she moved away from him he groped blindly and finally fell.

WHEN he awoke it was light. The sun was glaring on the east window of the cabin and he could hear the turkeys leaving their roost down the creek. He opened his eyes and saw the boy standing by the bed, staring at him.

The boy was tall, but not much
past six, Joyce guessed. His hair was blond and tousled, and he had his hands jammed deep in the pockets of his overalls, bent over a little, wạtching alertly. He didn't say anything.

Joyce looked past him to where the woman was working at the stove. She turned then, brushing back the hair from her forehead, and smiled at him.

He started to get up on one elbow and winced with the pain. His shirt was open and he could see the white bandage bound tightly around his shoulder. There was a little spot of dried blood. in the middle of it. He worked his body around and propped his back against the wall of the cabin.
"It's stopped bleeding," the woman said. "You don't want to start it again!"
"I'm sorry about yesterday," he said. "I got a little rough. I guess . . ."
"It's alright," she said. She spoke indifferently.
"I thought you were going to shoot me," he said. "I'm still not sure."
"I'm not sure either," she said.
The boy was still watching him, though half-turned toward the stove now. The smell of frying bacon-back was strong in the close air.
"I don't remember much," Joyce said. "I'm Frank Joyce. Maybe I didn't tell you my name."
"No."
"And I guess you didn't tell me' yours."
"It doesn't matter."
Joyce shrugged. "I'll bet your name's Jack," he said to the boy.
"No, it ain't. It's . . ." He hesitated, glancing toward his mother. "It doesn't matter," he said and took a step away from the bed.

Joyce let his gaze wander about the cabin. It was only one room, with a bed and another straw bunk in the corner. There was a closet, with the curtain drawn back, and he could see the gowns inside. They were fancier than he would have expected. He looked at the woman, his eyes narrowed a little in curiosity. But he didn't say anything for a moment.

He lay very still when she bent to look at his shoulder.
"I guess I'll be alright," he said.
"Yes."
"The bacon smells good."
She didn't answer.
"Your husband. He must be back by now."

She turned and looked at him
then. "He's not coming back," and for once the lifelessness was gone from her voice. "I was lying to you. He's dead."
"I'm sorry," Joyce said. "I didn't know."
"You should have known," she said, and now her eyes seemed to be staring at him with cold hatred. "You told me yesterday you were one of the regulators. .That's what you call yourself. My husband was Stacey Kilbourn. He was killed by regulators at San Martin just a year ago."
"I'm sorry." He didn't know what else to say. None of them had been sorry then, though they hadn't meant to kill him. He hardly knew Kilbourn. He had only seen him once, that one night two years ago when they had chased the raiders across the Nueces, following them so closely at times that they could still smell the dust in the air. Until they had come to this ranch. He remembered the ranch now. He remembered Kilbourn, a tight-lipped Yankee, who told them he knew nothing. He hadn't heard any riders. He was just working a little spread here, he said, and it wasn't any of his concern who came by in the night. He was no riff-raff. It just wasn't any of his business, as long as they left his cattle alone. He was living in a kind of isolation, and he'd had the tenacity to do it, even in no-man's land between the Nueces and the Rio Grande. For awhile. It had finally caught up with him in San Martin, and perhaps they should have been sorrier about it. He was still minding his own business.

HE looked at the woman now, meeting her eyes, and he thought he could understand her bitterness. It explained the rifle, and her indifference to helping him, though he thought that it didn't explain everything. He got up, swinging off the bed, and stood unsteadily watching her.
"It was an accident, ma'am," he said. "Maybe" we were careless, but we didn't expect to see an honest man in San Martin."
"My husband was honest," she said defiantly. "He never stole anything. If you think he was like these other men . . ."
"I know that," Joyce said. "But a man living in country like this is taking a chance. There can't be more

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## 'RULE $\begin{gathered}\text { OTHERS } \\ \text { wITH } \\ \text { THOUGHTS' }\end{gathered}$

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than a dozen honest men between here and the Ri:) Grande. We've lost thousands of head of cattle, and they all came across the Nueces. And we've lost men, wo. My brother was killed-"

He stopped. He wasn't very much different from this woman, he thought. He had changed when he'd seen Cal lying in their front yard, his face so still in the light from the doorway. Until thern it had been someone else's cattle, and someone else's horses, and sometimes, someone else's life. He'd lived in a kind of an isolation of his nwn, and it had taken all the horror of that one night, and all the loneliness afterward, to change him. And this girl, he thought, hadn't changed at all. And whatever her feelings were, whatever her reasons, there was a biticmess that he found it casier to understand.

She was waiting, defying him with her glance, knowing that nothing he uttered would soften her. "You were saying?"
"It wasn't any accident that my brother was killed. He came out of the house expecting to see friends, and they shot him down. Your husband didn't do it. We came by that night, looking for the killers, and found him here. He was tending his own business."
"And you killed him for it."
"It was an accident. He just happened to be in San Martin when we raided there. A stray bullet got him."
"Yes, I suppesed it was an accident, and he didn't have to die that way. He could have told you where they'd gone that night. We knew. And they would have come back later, and killed him then. And burned the ranch. We still have the ranch, becillise he never told you. They still leave us alone."
"It must he hard," Joyce said. "You're all abone."
"We make out." she answered, her voice still crisp and unfriendly. "There's an old Tejano who lives back in the brush. He helps us with the herd sumetimes. And my son's a help."
"I'll bet he is." Joyce smiled at the boy. "But it can't be much of a herd."
"Thirty head," the woman said.

JOYCE moved to the closet. He lifted one of the gowns and let the silk material slip through his fingers.

He touched it again. "They must be mighty fine cows. It would take a hundred of my sway-backs to buy just one of these."

She was putting his plate of breakfast on the table. She straightened up and looked at him disdainfully. "I didn't buy them."
"Oh?" He moved to the table and sat down. The coffee was hot, and he could hardly hold the tin cup to his lips. "It's none of my business."
"No, it isn't. You have no business here at all."
"You want me to leave?"
She didn't have to answer.
"I'll need a horse," Joyce said.
"I haven't one to spare. I've only the wagon team."

THE coffee had cooled a little. He held the cup to his lips and looked at the woman. He wasn't really seeing her. He couldn't walk to the Neuces, he was thinking, not with a bullet in his shoulder. Before he had gone a mile the wound would start bleeding again. And even if he could walk that far, he'd never have the chance. They'd find him. Some Tejano, or Cortina's men, a bunch of the white renegades. The latter were the worst, and how could they help but stumble across him? He wouldn't have a chance at all. He shook his head slowly and let his eyes drop away from the woman's face.

But he could still see her hands. She was leaning on the table opposite him, and her hands seemed to stiffen and grow whiter. And her voice had suddenly lost its steadiness.
"Please. You have to leave. You don't understand."

He didn't speak, but only kept watching her hands. They were still soft, but he could see the tiny scars and a bruise that was yet healing. They won't be soft for long, he thought; she'll grow old in a few years here. The room was quiet now, the boy had gone out to take care of the cow.
"You don't understand," she said again. "If. I help you . . . if I let you stay here, they'll find out. They'll never let me alone." She paused for a long moment, hoping that he would look up. "I don't have to tell you what they would do."

Joyce glanced sideways at the clothes closet. "They seem friendly enough," he said, and instantly regretted it.

HER face reddened. He looked at her now, and he could see how proud she was. And for that moment, at least, she hated him. She wasn't leaning toward him anymore; she wasn't asking him for anything.
"If you mean the gowns . . . If that's what you think . . ."
"No, I wasn't thinking that." He pushed the coffee cup away and slowly surveyed her figure. "No, they wouldn't fit you. And they're too gaudy, and maybe they're not nice enough. I'm sorry that I said it."

She still stood opposite him, staring at him contemptuously. "I make them," she said, "for some of the ladies of San Martin."
"The ladies?" he laughed dryly.
"It doesn't matter. They pay me, and I have to live."
He got up from the table. "But not here," he said angrily. "You can't live here and not be on one side or the other." She started to speak, but he stopped her. "Oh, I know. You're minding your own business. And you've got your boy to think about. If you let me stay, you'd be taking a chance. Only you can't live alone. Your husband tried it. Maybe it would work back East. Maybe you could sib by yourself and not notice, not care what was happening to your neighbors. But it won't work out here. And maybe it won't work anywhere at all."
She was silent. He turned away from her and looked through the window. From where he stood he couldn't see the corral, or the green bottom land, or the milking barn. Only the last of the creek willows, where the stream turned back toward the brush, and then beyond them the flat, empty prairie, a bright glare now under the climbing sun. He could already feel the heat of it. "I have to live too," he said, without turning.
"Alright."
He barely heard her. But when she moved Joyce knew what she intended. He wheeled about, and stumbled into the table and went around it. She was halfway across the room. He caught up with her, grasping her by one arm, as she reached the corner.

She had the rifle by then. She tried to bring it around, but he held her firmly. She couldn't move in the close space of the corner. His hand pressed into the flesh of her arm, and for a moment he was acutely, painfully aware of her. Neither of them spoke.

Then her body shook a little, and he knew she was crying. He let go of her and stepped back.

She didn't try to swing the rifle around then. It slipped from her grasp and fell clattering to the floor. "I wouldn't have shot you."
"I know it," Joyce said. "I'll leave now." He went to the bed and picked up the gun holsiter. The woman turned slowly, watching him.
"If only you could understand . . ."
"I understand," he said gently. "I'll need some water."
"There's a canteen in the stable. I'll get it for you."
"No, I'll be going that way. I can fill it at the creek." He wanted to stop at the creek, and now not only because of the water. At the creek he could look back, and perhaps the door would still be open. Perhaps he would still see her.

He buckled on the gun belt and shifted the holster down to a comfortable position on his hip. He looked at her. She was standing across the room, and he thought maybe it was only the distance. But she didn't seem hard anymore. Her eyes seemed softer, and he felt as he had felt only a few moments before, when he'd been closer to her. He put on his hat and pulled it down low on his forehead. He would be walking into the sun for awhile, he thought. Then he heard the boy's frightened shouting.

W
HEN Joyce opened the door the boy was almost to the house. He kept looking back over his shoulder, and staggering under the heavy weight of the milk bucket. Finally he dropped it and scampered through the doorway. "Ma. Ma," he called. "They're coming." But by that time Joyce had already seen the dust.

He thought at first the riders might be his friends. Sooner or later they'd come looking for him, and they'd find only his tracks and follow them. But the riders were closer now, and he recognized none of them. He swung back into the house and swung the door so it was open only a crack.
"You know them?" he asked the woman.

They were in the yard now, spread out a little, still searching the ground as though it mattered.
"The one in front is Sam Kennedy. I've seen some of the others."

Joyce watched them ride up nearer to the house. When they were in pis-
tol range he pushed the door open further and called out to them.
"Kennedy. Don't come any closer. Frank Joyce. You've been looking for me."

Kennedy stood up in the stirrups and tried to see through the half-open door. "If you made these tracks we've been following, mister, then we're lookin' for yuh here, though."
"I'm coming out, Kennedy."
"Or we're comin' in."
Joyce looked at the woman. She was watching him, her lips parted a little, questioningly. He kept looking at her as he called again.
"Kennedy, there's no sense in breaking up the cabin."

The man in the yard didn't answer for a moment. Joyce could hear the woman breathing beside him, and the soft scuffing of the boy's shoes.
"The Kilbourn woman," Kennedy yelled. "She there?"
"She's here, but hasn't done anything, Kennedy. I needed help, and she couldn't stop me."
"Alright," Kennedy answered. "But she and the kid might get hurt if I have to come in there after yuh."
"I told you, Kennedy. I'm coming out." He was still watching her. He thought he saw her lips move, but perhaps it was only a nervous quiver. You can stop me now, he thought. I'm not a hero. Not like this, with a dozen against me. But she didn't speak. He lifted the gun and let it slide back to loosen it in the holster. He wouldn't need his Winchester. There wouldn't be time before it was over.

$\mathbf{H}^{\mathrm{E}}$
E looked at her once more, trying to read what was on her face, and failing. She hadn't moved. Her eyes seemed to be fixed on him, and yet not seeing him at all. When she didn't say anything he pushed open the door and stepped into the yard.

The pail was lying on its side with a little milk still running out of it. He would make it as far as the pail, he thought. Or he might try one shot and run for the stable. It was a chance. He took a step and watched Kennedy's face. The man was sitting hunched in the saddle, squinting at him. He took another step, and Kennedy straightened up, his eyes widening. For an instant he seemed to be peering beyond Joyce's shoulder. Then Joyce heard the boom of the


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rifle behind him, and Kennedy toppled from the saddle.
"Get down," the woman called. "Get down."

Joyce turned half-around to see her standing in the doorway with the smoking rifle. He went down on his side, slipping the revolver from its holster. Kennedy was up on one knee, still holding the reins of his pony, when Joyce shot him. He fired back wildly, the bullets skittering along the hard dirt of the yard. Joyce got to his feet, twisted around, and lunged for the doorway.

She had the door half-closed, waiting for him, so that he struck against it and fell off to the side. He got up slowly, watching her as she pulled in the latch-string. The boy was huddled in the corner, his eyes bright with terror. A volley of shots thudded into the heavy door. The firing stopped.

Joyce went over to the broken window and looked out. The woman had followed him.
"I couldn't do it," she said. "I was going to let them kill you, but I couldn't . . ."

Joyce smiled at her. With the back of his hand he wiped the perspiration from his forehead. He could still feel the emptiness of fear in his stomach. He watched the men outside dragging Kennedy's body beyond the corral, out of range. Some of them were dis-
mounted now, and taking out their carbines.
"You got yourself into plenty of trouble," Joyce said.

She didn't answer. Perhaps she was already regretting it, Joyce thought, for she was watching the boy. He couldn't blame her. He took the rifle from her gently, and put a hand on her shoulder, keeping it there until she turned her head to look at him.
"It's alright," he said. "My friends can't be far back. They won't quit this time." He laughed softly. "They'll be mad about my being dead. And they'll sure be disappointed when they get here."

She smiled a little. He levered another shell into the chamber of the Winchester and looked through the window. Outside, the men were still grouped beyond the corral, taking their time.
"You can't stay here now," he said. "No."
"They'd never leave you alone."
"I know."
He didn't look at her, and he could feel his hands growing damp on the rifle. "You could go with me," he said at last.
"Why?"
"Because you have to go somewhere. And maybe you'd like it. It's not much different from this. Bigger. And there's a good house, and a sump not far off, with spring frogs and
lilles. And there's neighbors. And sometimes I get a decent price for cows, and you wouldn't be making dresses for somebody else . . ."
"You're forgetting something important."
"I guess I am. But you'd have to find out about that."

She didn't say anything. He waited. He raised the Winchester and brought the sights on a man standing near the corner of the corral. But as he tightened on the trigger the man turned suddenly, looking out beyond the willows. Joyce followed his gaze. The dust cloud was tiny at first, but even as he watched it seemed to grow larger. His body went slack for a moment. Then he turned back to the woman.
"You haven't much time. They're coming now. You'll have to make up your mind."
"I already have. I like the sound of a house, and a sump, and spring frogs and lilies . . ."

They laughed together. Outside the gunfire had abruptly increased, and he helped her down to her knees, holding her, while the shots crashed against the wall of the cabin. A moment afterward they heard the men leave, the horses pounding on the hard dirt of the yard. And Joyce had to shout to the boy in the corner.
"You going to tell me your name now?"

## the CaSe Of the runaway Corpse continuedfrompage 39

out further talk the two kids scrambled down the embankment until they stood below the sewer opening in the cliff. It was a body and they could see it clearly now. It was hanging head down and one of its legs was caught in the rocky gutter, holding the body in its grotesque position. For a horrified instant the two kids stood staring at the gruesome sight, then they turned and ran for town, stopping only when they reached a police station, where they gasped out their story. "It's a woman," one of them panted when asked for a further description. "We didn't touch it, and we don't know anything more about it because-well, we just turned and ran..."

To bring up the hanging body, police had to send two men down the side of the steep cliff by rope, to the
rocky gutter below the sewer outlet. Grim-faced, the two policemen disentangled the dead woman's clothing from the rocks just above the water level. "If she hadn't been stopped by these rocks," one of them muttered, "she'd have been washed from the sewer right into the river and on out to sea with the high flood tides we've been having this summer.

The other nodded. agreement. "Maybe her murderer figured just that when he shoved her down a sewer," he said.

They carried the body up to the top of the cliff by the same rope that sent the detectives down. When they lay the battered corpse on the ground and the homicide men began to examine it the fact that they'd never be able to identify her by her face was immediately apparent--the face
was battered beyond any possibility of recognition. The body was black and blue all over from bruises. The shoes were missing.

The grim-faced coroner said, "She was alive when the killer shoved her down into the sewer-the bruises prove that."
"It's a long drop," the commissioner agreed. "And the trip from Lowell down to the river would be a rough one."

In addition to Superintendent Winn, there was Lieutenant Liston, Inspectors O'Dea, Hunter, McCann and Nelson, and then Commissioner John F. Stokes, Inspector Crescio from the State Police in Boston, and State Pathologist Dr. Walter Jetter and State Police Chemist. Dr. Joseph T. Walker and the Lowell Medical Examiner Mason D. Bryant. All of
these men viewed the mystery woman's body, and then took part in the search for her killer. Their first job, of course, was to identify the body.

A check on missing persons was, of course, the first logical move. And the only missing person reported recently in Lowell was Catherine Nordlie, an attractive young woman of thirt.y-six years who looked much younger than her age. On August 2nd Catherine's sister had called the Lowell police to report her sister missing. They had asked her to come in and see Lowell's superintendent of police, Michael H. Winn, and tell him the details, and she had done so.

Briefly, she had told him of stopping at Catherine's apartment to see her. Catherine lived alone since divorcing her husband and putting her thirteen-year-old daughter in a summer camp. But Catherine either saw her sister each day or talked to her by telephone. It had been two days since Catherine had called and her sister had become worried. She had found the door of Catherine's apartment locked, and got no reply when she called her sister's name. She went down to question the landlord who also had not seen Catherine for a couple of days. "I heard her moving around in the apartment on Wednesday evening, July 31 st," he said. "But that's the last I've heard anything there."

The sister began to telephone Catherine's friends, to question her neighbors. One of them had seen her around 8 o'clock on the Wednesday evening the landlord had heard her moving around in her apartment: Catherine had been sitting on the front steps of her house, the neighbor said, dressed to go out, looking as if she were waiting for someone to pick her up. Catherine was wearing a red plaid dress and a tan gabardine coat, the neighbor remembered.

CATHERINE'S sister had also seen the missing girl on Wednesday morning and. she had been wearing that same outfit. It was now Friday and nobody had seen Catherine since Wednesday among those the sister called. Finally, frantic with worry, the sister had telephoned police as a last resort. It was evening and a call to the mill where Catherine worked would bring no reply. But a call to one of the women with whom Catherine worked at the mill brought
the report that Catherine had not reported for work on Thursday or Friday and had not phoned in either.

After listening to the sister's worried report, Superintendent Winn asked about Catherine's husband. "He went to New York after the divorce,", the sister said, "and we've not heard a word from him since. That's been several years ago."
"Her boy friends?" the officer suggested.

The sister said, "Well, she dated quite a bit, but no one in particularnot for quite a while, anyway." Catherine's last 'steady' dating had been done with a fifty-eight-year-old man named Rosario Milinazzo, the sister said reluctantly. The policeman knew the name. Milinazzo was a prominent man in Lowell, a contractor who had recently built the new sewer that ran beneath the city.

As he checked the missing persons list two days after this report made by Catherine Nordlie's sister, Winn decided to ask the sister of Catherine to view the body found in the sewer before sending a description of it out on the wire.

Meanwhile, the Medical Examiner reported that the body of the dead woman had been in the sewer for three or four weeks. "She was still alive when she was thrown down the sewer," he said.

It was also noted that there had been severe storms during the previous three weeks and the swollen waters of the river had flushed the sewers, which would account for the body having been washed out to the point where it was found. Otherwise, it might have remained in the sewer until it had completely disintegrated.

The body was dressed in a red plaid dress and tan gabardine coat, so that even before Catherine Nordlie's sister arrived at the morgue Lowell police officers felt they had identified the body of the woman with the mutilated face. The sister merely verified their conviction, and the investigation got underway-a matter now of tracking down the killer of Catherine Nordlie.

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FFICERS began making a quiet check on all the men in town who had dated the dead woman. Among the first questioned was Rosario Milinazzo. According to Catherine's sister the elderly man had

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been in love with Catherine and for a couple of years he had been her only date.

Milinazzo was married and had eleven children by his wife. Police queried him at his office and were as polite about it as was possible, for he was a man of some standing in the community.

THE contractor readily admitted his interest in Catherine. He also acknowledged that he was worried about her disappearance. "Her sister called me three weeks or so ago and asked me if I had seen Catherine," he said. "That's how I'knew she was missing. But I haven't dated Catherine in a long while."

He admitted that he had once considered divorcing his wife of many years and marrying the younger woman. "But Catherine wouldn't have it," he said. "She thought it would make too much of a scandal, and so we continued seeing each other in hideaways. I didn't want it that way, but she insisted."

When asked who broke off the affair, the elderly man shrugged. "I guess it was a mutual agreement," he said slowly. "We just got to dating less and less frequently. But we remained friends. Why, I drove her home from work on the Wednesday before she disappeared."

Milinazzo was asked why he didn't tell Catherine's sister that he had seen the dead woman on that day, which was the last time she was seen either at her apartment house or at her job. He shrugged. "I didn't think about it at the time, and later I couldn't see that it would matter any for me to come forward with that information. Don't forget, offi-cers-I have eleven children and a wife. I owe something to them too."

His story did seem logical. Milinazzo was at the age when many men, in their effort to run away from the fact of declining virility, begin an affair with a younger woman. It isn't a matter that most of them are proud of, so it was logical that Milinazzo would not want to make public display of his middle-aged folly.

Catherine's sister agreed that Catherine had broken off her affair with Milinazzo, and had refused to marry him. When police told her of Milinazzo's admission that he had driven Catherine home from her job on Wednesday, July 31st, the sister
began to cry. "So he hadn't stopped bothering her," she sobbed. "And she must have deliberately kept it from us because she knew the family had worried about her so much during that affair."

Pressed further on the matter of Catherine's affair with Milinazzo, the sister finally broke down and told police about the skeleton in the family closet-Catherine had borne a child about seven months before her death-a baby which Rosario Milinazzo had admitted was his after he and Catherine had undergone blood-type tests at the local hospital after the birth of the baby. Milinazzo had been sending monthly payments for support of the baby, which was being boarded out of town.
"At first I thought Catherine had received a call from the people who board the baby," the sister said, "and that she had rushed to see the child in such, a hurry she hadn't phoned me. But I phoned the people and they told me that they had not seen or heard from Catherine. I called them, as I did all Catherine's friends, before I went to the police on Friday, August 2nd. I didn't see any point to telling police about the baby at that time. We'd all agreed that it was not to be mentioned in town. We thought Catherine might remarry some time, then she could take her child back and adopt it."

After this revelation, Lowell police returned to question Mr. Milinazzo. They didn't tell him at first that they knew about the child. They merely asked for details of his talk with Catherine as he drove her home that Wednesday.
"I saw her walking home from the mill," he said. "When I offered her a ride she accepted. I asked her for a date that night, but she said she had one, with a soldier. No, I don't recall that she told me his name. She said he was from New Hampshire where his family had a farm." He paused, added, "When I first heard Catherine was missing I thought maybe she had driven with the soldier up to meet his folks. She seemed serious about him."

When asked if he were jealous of Catherine's dating another man, the contractor said, "Of course not. We'd stopped dating steadily some time before. It was a friendly feeling we kept for each other after our affair ended." ILINAZZO insisted that after he left Catherine at her door that Wednesday he had gone to his club and played cards with friends all evening. As a routine matter, Winn gave instructions for his men to check Milinazzo's alibi. But he also started a search for someone who had seen the soldier Catherine dated the last night of her life.

Catherine had been seen by a neighbor st ting on her front steps around 4:30 that Wednesday, apparently waiting for someone to pick her up. Milinazzo claimed he had brought her home after she left the mill around 4 o'clock.

A girl friend of Catherine's who had been out of town for some time before Catherine disappeared, returned to Lowell during the investigation into the dead girl's life. The girl went immediately to police, told her story. She said that Catherine had confided things in her that she did not want to tell her sisters for fear of adding to their worry about her. Catherine, the friend said firmly, was deathly afraid of Milinazzo for he had threatened her life and was extremely jealous of her. He was always checking up on Catherine and her friends. And although he had opposed Catherine's bringing her illegitimate baby to Lowell to live with her, he also was opposed to Catherine going away from her home town to settle elsewhere.

When they had the girl repeat these things in front of Milinazzo he admitted that he had opposed her bringing the baby to Lowell. "I must think of my other children, too," he said angrily. "I give money to support Catherine's child. But I see no good reason for her to bring it here. I offered to marry her once and she refused. So, why make a scandal that will embarrass my eleven children and my wife?"

The girl friend of Catherine suddenly accused, "You still have a key to Catherine's apartment. You refused to give it back to her."

Flustered, Milinazzo admitted that he had the key. He even blurted out that he recalled the name of the soldier Catherine had said she was dating that Wednesday $~-~ C h a r l e s$ Swift, it was. But he denied he had used the key at any time since he left Catherine at her door that Wednesday afternoon. There didn't seem to be anything further they could do
along that line immediately, so Lowell police, aided by the state police, continued the investigation along other lines.

They asked the aid of New Hampshire law officers in searching for a soldier named Charles Swift. In no state records could they find the name, nor did the Army have a Charles Swift from New Hampshire.

When Milinazzo was told that no such person as Charles Swift existed, in New Hampshire, at least, he shrugged, said, "Well, I can't help it if she lied about the name of her date. I'm not surprised-Catherine had done a lot of lying to me in the last year."

But Milinazzo adamantly insisted that he had not seen Catherine after four o'clock that Wednesday. It was up to the police to prove he was ly-ing-if he were.

In spite of Milinazzo's influence the police treated him as they would any other suspect. They set a man to following him and they impounded his black sedan. Milinazzo had no protest to any of it, assured them he would cooperate in any way possible to find the dead woman's killer. The checking of the members of Milinazzo's club was under way to find any who had seen Milinazzo playing cards on Wednesday, July 31st, or to find those who had played with him. The card game went on all the time, and men wandered in, took a hand, then left. To pin down each man to recall just who had played cards with him at a time a month past was not easy, and it took time.

Meanwhile, the investigation continued in different directions and the reports on the different angles came in one by one and were put together like a jig-saw puzzle in the commissioner's office.

$\mathbf{A}^{\mathrm{T}}$T the time Milinazzo's club members were being checked, police were also checking the Lowell sewer, searching every manhole to find one that showed signs of having been recently opened. The sewer continued for two miles beneath the town, and it was a matter of beginning at one end and continuing until all manholes had been checked.

Those manholes that were properly covered with tar and showed dirt undisturbed for months were left intact. But finally the police found one that showed signs of hav-
ing been opened recently. It was in a remote section on the edge of town, down near the railroad tracks.

A detective went down into the manhole taking with him a chemical which, when sprayed on a surface, would turn green when it touched human bloodstains, no matter how old they were. He sprayed the hole thoroughly as he went down, examined it on the way up under a powerful light. There were no signs of bloodstains.

They continued the search of manholes. Meanwhile, on the same day, three people had come forward with information about unusual events they had witnessed that Wednesday, July 31st. A young woman told of seeing Catherine in Milinazzo's car late on Wednesday afternoon, July 31st, and that they had been parked near Catherine's home and that Catherine seemed to be crying, with her face buried in her hands.

Then a truck driver who had been out of town on a long haul and just returned to hear for the first time about the murder, told of driving past the Lowell railroad tracks between 10 and 11 o'clock on the night of the 31st of July, and hearing a woman scream. He recalled now that the screams had been followed by two shots. The trucker was on a job, hauling a long-distance load. He was on his way out of town so he didn't turn back because it would havebeen difficult to do on the narrow road.

Later that day a young woman who lived down near the railroad tracks came in to report that she, too, had heard a woman scream and then two shots fired on July 31st, also around ten or eleven at night. She had gone out on her porch and as she stood there, staring in the direction of the screams and shots, she saw a black sedan drive out of the Quebec Street coal yard and speed down the street. She had also been out of town, and had just returned to hear about the murder.

Now the net began to close tighter around the aged Lothario. The black sedan belonging to Milinazzo, which was impounded by police, had been examined for stains and the report of the benzidine tests arrived at the chief's desk. Bloodstains had been found inside the car, and on a sponge inside the rear trunk; although all of

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the spots had been scrubbed with soap and water the benzidine tests brought the stains up. Checking the bloodstains against the blood type for Catherine filed at the hospital where she had her baby, police found that they were the same. Also, a small piece of body tissue found in the car was tested and found to match Catherine's tissue.

The autopsy report showed that Catherine had been shot twice in the neck, and she had not died immediately.

On September 3rd the crew working on the sewer located a second manhole that had been recently opened. This was far out of town in a lonely, unfrequented section. Again the chemical was sprayed over the sides of the 42 -foot shaft leading downward to the sewer, and this time the chemical turned a brilliant cobalt blue in spots.

Sewer men and police went all the way down the shaft, searching every inch of it with bright light. They found a net brassiere and a slipper and strands of blonde hair clinging to the rough sides of the shaftitems which obviously had been ripped from a body as it fell down-
ward from the manhole opening, banging against the sides of the shaft as it fell.

The sister of Catherine identified the shoe as belonging to the dead woman.

Milinazzo had been in charge of construction of the sewer and he, above all people in Lowell, would have known all there was to know about it.

On top of this, the report of the detectives questioning the members of Milinazzo's club revealed, when turned in, that no member of the organization could recall playing cards with Milinazzo on Wednesday, July 31st.

At this point Milinazzo was arrested, and police began a check of his clothing for bloodstains. In his closet at home they found a carefully polished pair of shoes contained bloodstains unseen by the eye but brought to light by the chemical. And the same stains on a freshly cleaned suit of clothes. A frugal man, Milinazzo had cleaned the clothing he wore of the stains instead of throwing them away.

But Milinazzo continued, even in jail, to deny any knowledge of the
crimo. He defied police to prove that he committed the murder.

But the evidence on record, the witness who could place the dead woman in a car with Milinazzo late on the day she was last seen-all of it added up to enough evidence to put Rosario Milinazzo on trial before Superior Court Judge Paul G. Kirk. The elderly lover remained calm in the face of a first degree murder charge, and faced the jury with a smile on his face on February 20th, 1942, that first day of the trial.

But as the parade of evidence began to unfold before the jury, and before Milinazzo, he suddenly rose one day and asked to be allowed to plead murder in the second degree.

The trial ended swiftly then, with Milinazzo convicted of murder and sentenced to life imprisonment in Charlestown State prison.

Milinazzo refused to discuss the case after that, refused to talk with reporters or police. The only statement he made was that made to himself, as he was led from the court: "I can't understand why I did such a thing!" Only the officer to whom he was handcuffed heard the remark.

## THE LAST KILL continued from page 28

away. These two were Harry Tracy and Dave Merrill, and the prison break they staged on June 9, 1902, was the opening phase of the most amazing gun-slinging manhunt of this century.

Within two hours of the break one hundred armed men had assembled outside the courthouse at Salem. A special call had gone out from Sheriff Durbin appealing to every able-bodred man who possessed a rifle to report there. A maddog crackshot killer was on the loose, he told them; and a small army would probably be needed to strike him down.
Swiftly a cordoṇ was thrown round the woods, but darkness had begun to fall before it started to close in. Tracy and Merrill slipped past the cordon without being seen, and headed towards Salem.
"We need clothes," said Tracy as they dodged along the edge of the highday. "Must get rid of these convict rags."

Farther along the highway they met a farmer named J. W. Stewart. Tracy stuck the muzzle of his rifle into Stewart's belly and told him to undress. Merrill dressed himself in the farmer's clothes and threw Stewart his convict garb. Shortly afterwards an expressman named Welch was forced to give Tracy his overcoat and overalls.

The outlaw's next problem was transportation. Boldly Tracy walked into the stable of Felix Labaucher and walked out again leading two fine horses. They rode throughout the night, reaching Brooks on the Southern Pacific Railway eight miles north of Salem. There they abandoned the horses, which might have been recognized in the daylight, and pushed ahead on foot, keeping alongside the railway track which led to Portland, Oregon.

Meanwhile over two thousand deputies throughout Oregon and Washington had been warned to be on the lookout for the two fugitives.

Bloodhounds had , been sent from Washington State Penitentiary but had lost the trail at Brooks.

0N June 11th Tracy and Merrill were spotted in the woods near Gervais and within an hour a posse of 100 men had surrounded them. Tracy decided to lie low till it was dark but couldn't resist revealing himself when two deputies approached to within ten yards of his hiding place. "We need more ammunition," he whispered to Merrill. "These guys have got plenty."

He stood up quietly as the two men passed, their backs towards him.
"Evening gentlemen," he called. "I'm Tracy and there are two guns at your backs. Throw down your rifles and all your ammunition."

Merrill collected the weapons and shells, then tied up and gagged the two deputies. At dusk the outlaws crept from their hiding place. By this time over three hundred men
surrounded the woods. Every man with a gun living in a radius of ten miles had been summoned to cooperate, and Company F of the Oregon State National Guard had been called into action. The territory looked like a future battleground, with army tents pitched, field kitchens going full blast, sentries on guard, troops and deputies cleaning their weapons.
For a man with Tracy's audacity the situation was distinctly encouraging. The darkness, the confusion, the civilian garb and inexperience of many of the deputies, all added up to a perfect opportunity to escape. Boldly the two outlaws marched out of the forest. A sentry gave them a half-hearted challenge and without stopping Tracy growled, "Who do you think we are, Tracy and Merrill?" The sentry laughed apologetically and let them go.
Brazenly they walked along the highway, traveling fifteen miles before stopping the next morning at the farm of a Mrs. Akers. Tracy knocked on the door and when the farmer's wife appeared he pushed her gently inside. "Good-morning," he said. "I'm Tracy and this is my pal Merrill. We're very sorry to inconvenience you, lady, but we'd like some breakfast."

Breakfast was promptly prepared and Tracy ate with his rifle on the table. He noticed Mrs. Akers eyeing the gun nervously. "Don't be frightened, madam," he said, smiling. "I've never killed or harmed a woman yet, and don't intend to. Just don't do anything or say anything until I'm gone." Then he added, "We'll take two of your horses."

They ate their fill and hit the trail again. Mrs. Akers promptly informed Sheriff Durbin by telephone. Durbin raced out to the Akers' farm with a posse of fifty men and bloodhounds. But Tracy made even the dogs look foolish. He crossed into Clackamas County, heading north, and Sheriff Cook's posse took over the chase, reinforced by three companies of militia.

So many men were now chasing Tracy and Merrill that the fantastic situation arose whereby a whole army of hunters was steadily moving north with the two hunted men in the middle, free and mobile on their stolen horses. Time after time the outlaws would call at farmhouses
and demand food and clothing, commandeer fresh horses and then move on. They never stayed long enough to be cornered.

Always Tracy would use the same introduction. "Good morning," he would say to the startled householders, "I'm Tracy," and without having to use either violence or threats he could help himself to anything he wanted. Once or twice the hunters came close enough for long shots at the fleeing men, but Tracy's uncanny marksmanship with a rifle had made everybody mighty nervous of approaching him too close.

FOR five days the convicts moved north with their pursuers on all sides. The reward for Tracy's capture, dead or alive, was doubled, then doubled again.

They reached the Columbia River and appropriated a boat to take them across. Tracy forced the owner to do the rowing while he sat in the stern with his rifle across his knees "laughing and cracking jokes all the time," as the owner described it.

Having crossed the river they were now in Washington, and the chase was taken over by Sheriff Marsh of Clark County. Marsh had a force of about one hundred men, and two of these made contact with the convicts on the highway. Several shots were exchanged but the outlaws got away.

For several days after that Tracy and Merrill appeared to be lying low. The trail was lost completely until the big outlaw turned up by himself on July 2nd at South Bay near Olympia. Horatio Alling, manager of an oyster fishing company, was having breakfast with his workmen in the dining tent when Tracy came.
"Good morning boys," he greeted them cheerfully, his rifle crooked under his arm. "I'm Tracy."

Alling dropped his fork and stood up, his mouth agape. "You're kidding," he said.
"Oh? And who are you?"
"I'm the manager of this outfit."
"Good, then you can get me some breakfast. And tell the cook to get some more chow for the boys. They still look hungry, and besides we're all going to take a little trip."

Now convinced that this tall, smiling gunman really was Tracy, Alling ordered the food.


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"There's a launch tied up outside," said Tracy. "Tell the guy who owns it I want him to come and have breakfast with me." The owner, Captain Clarke, and his young son, duly appeared.
"I want you to get steam up," said Tracy, "and then pick yourself a crew from these boys. You're going to take me to Seattle and I wouldn't want you to be short-handed on the boat." He finished his breakfast, then helped himself to some new clothes from Alling's wardrobe. Five men were picked for the boat's crew and the rest were tied up. Tracy shepherded everybody to the boat at gunpoint and they started out. During the voyage Tracy sat in one corner of the cabin, laughing and joking. He began to boast about his prowess with a rifle, and to demonstrate this he took potshots through the cabin port at small pieces of driftwood. He never missed. Then one of the men asked him the question which everybody had been itching to ask up to that time.
"Where's Merrill, Tracy?"
Tracy's smile vanished. The muzzle of his rifle covered the man's heart. "Don't mention Merrill's name in my presence any more," he said softly. "He was a dirty, filthy traitor."
"Was?"
"Yes, he's dead. I killed him."
And then Tracy came out with the amazing details of his quarrel and duel with Merrill, details which at that time seemed too far-fetched to be true, but whose authenticity was proved when Merrill's body was found and examined later.

THEY had been heading towards the Puget Sound country, Tracy told the men in the boat. They held up at least one farm a day and helped themselves to food and horses. At one farmhouse near Chehalis Tracy had picked up a newspaper. All that morning he had been his usual, laughing self, joking with Merrill and ribbing him about his poor marksmanship with a rifle. But as he read the newspaper his grin changed to a scowl and he swore loud and long.

The story he had just read explained many things he had been puzzled about for months. Before being caught and sentenced Tracy and Merrill had pulled a jewel rob-
bery. Merrill, anxious to please the woman in his secret love life, had presented her with one or two of the stolen trinkets. Detective Dan Weiner traced these back to Merrill and arrested him.

Merrill not only confessed to his part in the jewel robbery but implicated Tracy and gave the police information which would enable them to trap him in Portland. The arrest was planned to take place on a street corner where Merrill swore Tracy would pass at midday.

Tracy walked right into the trap, but when challenged he pulled his gun.
"Drop it, Tracy!" yelled Weiner from across the street. Tracy fired and the bullet nicked Weiner's ear. The outlaw turned and ran, dodging between carts and buggies with the lawmen in hot pursuit. He headed for the Portland depot and jumped on to the cab of a train which was just pulling out.
"Get the hell out of here!" he ordered the driver, leveling his gun. The driver jumped from the cab and Tracy took over the controls. He had served for a year as an apprentice driver and could easily handle an engine. He opened the throttle, but the loaded train was still only moving at a slow speed and by this time Weiner and his men had commandeered buggies and horses and were racing down the road alongside the track, firing every weapon they had. Bullets and shot spattered the inside of the cab and Tracy decided he would live longer if he jumped for it. He leapt to the ground, but just as he hit a bullet creased his skull and knocked him unconscious. Within seconds Weiner had the handcuffs on him.
"It's the last time this guy will knock anybody off," said Weiner, little realizing how abysmally inaccurate that statement was to become.

So they packed Tracy off to the penitentiary and it was only now, while on the run with the man who had betrayed him, that he had gleaned the facts about that police ambush in Portland.

Merrill watched his partner curiously as he flung down the paper and cursed.
"What's biting you?" he asked.
Tracy stared at him, and there was death in his eyes. "Nothing," he said quietly. "Nothing that a little
appropriate action won't cure."
Soon afterwards they left on two stolen horses and headed for Chehalis. Tracy rode along in silence. He turned off the trail and followed a dried-up river bed.
"What's the idea?" asked Merrill. "I thought we were going to Chehalis."
"I'm tired," grunted Tracy. "Let's catch some sleep here."

They dismounted. Tracy had relapsed into ominous silence once more.
Merrill was beginning to sweat. "What's wrong, Tracy?" he said. "You don't seem to want to talk."
"No point in talking any more, Merrill-not when I'm going to kill you."

Merrill blanched. He fingered his gun. "Kill me? Why would you want to do that?"
"You told Weiner where I'd be on the day they tried to get me in Portland."
"I didn't. I swear I didn't."
"The newspapers say you did."
Merrill pleaded with him. "The newspapers said that deliberately. The police must have told 'em to, just so's you and me would fight."

Tracy grinned for the first time since reading about his betrayal, but it was a grin twisted by hate and fury.
"And we will fight, Merrill. You and me, we're going to have a little duel. We'll start in by standing back to back and each of us will count ten paces as he walks forward. On the word 'ten' we'll both turn and start shooting."

Merrill screamed his protests, but Tracy was unmoved. "We try the duel," he said calmly. "Or you get it right now without having the chance to hit me first."

Shaking with fear, Merrill had to fall in with Tracy's weird method of retribution. They stood back to back and Tracy started counting as they moved away from each other. "One - two - three - four - five - six - seven - eight-"

Suddenly the big outlaw whirled round and fired while Merrill was still marching his ninth pace. The bullet struck him in the back and he dropped. Tracy stepped over to him and shot him through the head.
"You see," he exclaimed blandly to the men in the boat which was taking him to Seattle, "I knew Mer-
rill was going to do the same thing to me. He'd have shot me in the back on the count of nine."

When Merrill's body was found two weeks later his wounds confirmed everything. He had been shot in the back, and then through the back of the head.

THE boat continued its journey to Seattle, with Tracy talking all the time. At one point he ordered the captain to sail close to McNeil's Island where a prison was located so that he could take potshots at the guards. But the range was too great and he decided to conserve his ammunition, which, he said, "I'll be needing when they finally catch up with me."

It seems Tracy had already resigned himself to the fact that his death was inevitable, but no matter what happened he had decided to die with his rifle barrel hot.

The boat berthed at Meadow Point, near Seattle, and Tracy disembarked.

Meanwhile one armed posse had been ordered to boothell to check reports that Tracy was hiding there. Part of this posse, together with Louis B. Sefrit, reporter for the Seattle Times, picked up Tracy's trail and followed him towards Pontiac on the old wagon road. The trail came to a clearing where two cabins had been built. Large tree stumps dotted the landscape.
" I 'l lay odds that Tracy is right here," said Deputy Raymond to Sefrit.
"Sure he is. Look at the grass round that tree stump. It's freshly beated down."

The two men stopped. Raymond raised his rifle. "I'm going in there, and if . . ." He never finished the sentence. Tracy suddenly appeared from behind the tree stump and his first shot wounded Anderson, one of the other deputies. A second shot killed Raymond where he stood.

Sefrit had a Colt revolver and started blazing away at the outlaw. Tracy aimed and fired, and though this third shot missed, Sefrit dropped as though dead. For agonizing seconds Sefrit lay there with half-closed eyes, watching the killer and praying he wouldn't fire again to make sure. Tracy did, but by some freak of misjudgment he missed again.

Two more deputies ran forward,
and Tracy backed away, shooting all the time. He dropped one of the deputies with a bullet in the groin, then turned and ran into the thick underbrush.

Across the nation newspaper headlines blazed with these latest killings and Tracy's astonishing escape. Citizens unfamiliar with the terrain in the Northwest demanded to know why it was possible for the outlaw to remain at liberty so long and always vanish without trace after his numerous killings. If they had been saddled with the thankless task of hunting him they would have found out soon enough. The Puget Sound country at that time was so densely timbered that to hide himself a criminal had only to step off the highway, penetrate a few yards into the forest, and lie down under the thick carpet of ferns which choked the forest floor. His pursuers then had about as much hope of finding him as they would of arresting Tracy alive with a loaded gun in his hand.

The only thing that marred this convenient hideout for murderers was the rain. Through long miserable nights while he was on the run Tracy was drenched to the skin. Sleep was often impossible on the sodden ground, and warmth was out of the question. These discomforts explained why Tracy continually risked capture by walking into some dry, comfortable house on his escape route and demanding dry clothes, hot food and drink, and human companionship. After skulking like a wild animal in the forest, the company of even a terrified stranger was a solace he found himself craving for no matter what the risk.

For three more weeks he remained at liberty in a territory swarming with law enforcement officers and militia. His presence was often reported in several places at once, and posses of armed men would go thundering across country in several different directions. At one place Tracy used the telephone to call up the sheriff and offer his sympathy to that official for the trouble he was causing him. "But don't worry, Sheriff," he consoled the official, "at least you've been speaking to the man you're after-which is something your pals can't boast about."

The final lead-spattered climax to the hunt came when five deputies


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out on patrol received information that Tracy was hiding on the ranch of Mr. L. B. Eddy. When they reached the place they found Eddy mowing hay in one of his fields. Cautiously they approached, and just as they reached the farmer one of them spotted a tall man walking into Eddy's barn.
"Look!" he said, "wasn't that Tracy going into the barn?"
"It certainly was," said Eddy, "and if you want him you go get him."

They persuaded Eddy to drive his team back to the barn while they crouched behind it. Tracy came out and started to help Eddy unhitch the horses. He had left his rifle inside the barn, but was wearing two revolvers. Suddenly he spotted the five.
"Raise your hands, Tracy!" yelled one of them, using the same tired tactics others had used before him.

Tracy did no such thing. He leapt behind Eddy and used him as a shield, dragging him back to the barn and at the same time leading the horses so that they were between himself and the deputies. Six feet from the barn door Tracy hurled himself inside, grabbed his rifle and came out shooting. Then he turned and started running down the valley.

The deputies followed, loosing shots at him as they ran. Tracy ducked behind a rock and emptied a whole clip at them, but by this time it was getting dark and for once the outlaw's shooting was inaccurate. He made a break for it, racing for a wheat field a hundred yards away.

All five deputies were shooting at him. Suddenly he staggered and fell, dragged himself to his feet, then reeled onwards. He had been hit.

He reached the wheat field and plunged into it, falling on his hands and knees. He was now hidden by the tall grain but the deputies poured shot after shot into the field.

A few minutes later they heard a single shot which came from the middle of the waving wheat. It was Tracy's last; and it tore through his own brain. The reckless killer who had survived everything the forces of the law could throw at him for nearly two months of pursuit and bloodshed, had chosen the quick way out. Tracy had killed himself rather than forfeit the liberty he had fought for so savagely.

## THE TERROR SHIP CONTINUEDFROM PAGE 34

Brother Jonathan-or Uncle Sam, if you prefer-by 1850 had stolen away from Britannia the rule of the commercial seas of the world, thanks to the sleek clippers sliding down the marine ways of Boston, New York and Baltimore. The Challenge, the latest word in clipper ship construction, was built especially for the "first of sailors," Captain Robert H. Waterman, who set records for sail in the China tea trade which stand to this day. His homeward passages were so far under the old record times that he was accused of having found a new, short route home.

Captain Waterman superintended the construction of the $\$ 100,000$ masterpiece of marine architecture and the waterfront reporter of the Boston Atlas, Duncan MacLean, noted that "to his skill as a sailor may be attributed her completeness aloft." It was left to one of her crew, E. A. Wheeler, to speak more poetically of her "miles of running gear" and her "spars up near Orion."

Though not convinced that she would prove to be the fastest clipper in the world, the London Times designated her the best of her breed. Her owners, N. L. and G. Griswold (aptly nicknamed "No Loss" and "Great Gain" Griswold), and her master, Bob Waterman, were confident that the Challenge would show her stern to anything afloat. Her admirers stated flatly that after she
broke the record for the California run on her maiden voyage, she would race any British clipper on any terms, the winner to take both vessels.

The Challenge was towed to the foot of Wall Street for the completion of her rigging. Her sails were bent, her running gear rove and her cargo for San Francisco loaded. Fifty-six men were rounded up to man her. She was then hauled out into the river abreast of Governor's Island and everything made ship-shape for sea. After being towed as far as Sandy Hook, she lay at anchor, letting her rival, the famed Flying Cloud, get a bigger bulge on her toward San Francisco, while the "first of sailors" indulged in a profane difference of opinion with his chief mate. Waterman sent the mate ashore and was about to sail without a "first" when a boat put off from the packet Guy Mannering which lay near the Challenge.

The man who climbed up the side of the outbound clipper from the boat's sternsheets was a notorious bucko mate, James "Black" Douglas, who was in trouble ashore and who asked Waterman for a berth. The captain greeted him eagerly, signed him on as first mate and put to sea immediately.

Waterman knew before he had dropped the pilot that his crew was composed of the scrapings of New York, rouges and blacklegs heading like blowflies for the easy pickings in

California. There was a leaving of tanglefoot landlubbers of more honest ilk and a sprinkling of honest-toGod seaman left on the beach for some reason. The Flying Cloud, Telegraph and Eagle had scoured the town for the last of the seaman not already on the way to El Dorado. The Challenge got a few fresh from jail and a handful who had been to soggy with booze for even the not-particular crimps of Gotham. Waterman was tempted to put back for another crew but he knew that A. B.'s were as rare in New York as ticks on an iron bar and that he was not likely to do any better on a second master. Moreover, the owners had plunked down three month's advance wages to the fifty-six boys, ruffians and ancients he commanded, and there was a $\$ 60,000$ freight list in his cabin. Most important of all, he had been promised a $\$ 10,000$ bonus if he made Frisco in ninety days. That was something to shoot for.

Bob Waterman was not one to give up $\$ 10,000$ without a fight. He was a driver. He had won a reputation in the Black Ball Line for being hard . on his crews. It was he who first put padlocks on his topsail sheets and rackings to prevent timorous seamen from letting go sail when it looked as if the spread of canvas might capsize the ship. On the other hand, he had never lost a spar or any rigging of importance and not once did he call
on the underwriters for a penny's loss or damage. And whereas he would dramatically and ominously wash off "shore face" with a bucket of water on sailing day to warn his crew he would brook no mischief, he also had dived overboard in a raging gale in 1831 to rescue one of his men who had been swept over the side. He had accepted the hero's testimonial presented to him by the cabin passengers with the same aplomb with which he gave the sailor a hammering the next day for "sojering."

The first thing Captain Waterman did, even before choosing watches, was to call his motley crew aft for a windy harangue about duty, good food and the comfort of the Challenge. During his long address, the mates, idlers and bosun were ransacking the foc's'le. They opened every chest, box and sea bag, a small arsenal of derringers, knuckle dusters, sling shots and Bowie knives. After giving this informal armory the deep six, they reported back to the captain and watches were chosen. The next order of business saw the carpenter take up a position of the main hatch. The men were lined up and as each passed Chips, he broke off the tip of the man's sheath knife.

0F the international crew of Limejuicers, Dutchmen and Dagoes (the latter might be Frenchmen, Italians or even Russians), only six could steer so Waterman made them quartermasters on the spot, assigning them no other duties than to steer and to take in sail when their help was needed. The captain found that he had on board twelve Englishmen, twenty Irishmen, five Dutchmen or Germans, four Frenchmen and one Russian-actually a Finn. Of the ten American shipped, seven were boys. He had just three American A. B.'s out of a crew of fifty-six men on the finest American merchantman yet built!

First Mate Douglas delighted in making the voyage unpleasant for all. It was said of the burly Scot that he "would rather have a knockdown fight with a lot of sailors than eat a good dinner." Early in the voyage he went armed, as did Captain Waterman, but as the forecastle mob began to shape up into something resembling a crew, the officers abandoned their side arms. The crew appeared to be willing to saffer the cuffings
and worse of Douglas-and the less frequent attentions of the captain-in submissive fashion.

Off Rio de Janeiro on the 14th of August, however, the lid blew off. The Sunday morning quiet was broken by "Black" Douglas bawling out orders for all hands to haul their chests on deck for inspection. A theft had been reported to the mate. The hands grumblingly did as ordered, with Douglas speeding laggards up with a dose of belaying pin soup now and again.

Suddenly, the mate was lying on the deck, being kicked and beaten by two score seamen. A knife blade flashed and Douglas screamed in pain. On the poop, Waterman dropped his sextant-he had been preparing to take the sun at noon-and rushed forward to aid the mate. He grabbed up a belaying pin from the rail and jumped into the melee, swinging the pin with both hands. Dougles' attacker fled, save three whom Waterman had laid out on the deck.

The disturbance was over quickly. Douglas was patched up and the voyage continued with a sulking crew. The mate was afraid to go down below to get men to help work the ship. "When I would go forward," said Douglas later, "they would blow out the lights in the foc's'le . . ." Waterman and Douglas, almost alone, worked the vessel for a time when the chief mate found only three of twenty-seven men in the second mate's watch. The second officer himself was absent.

Captain Waterman explained the mutiny in a letter to a Boston friend, "The truth is, when in the neighborhood of Rio, about fifty of the crew fell upon the mate with the intention of killing him and afterwards me, by their own confession. I was on the poop taking observations while the mate stood forward at the gallery. They stabbed him and had beaten him shockingly before I could get to him. I struck down three of them, rescued the mate and quelled the mutiny. I flogged eight of them." This may have been the truth, but the whole truth of the mutiny aboard the Challenge had to wait until the clipper reached San Francisco.

Waterman spied the Farallones on the morning of October 28, 1851, one hundred and eight days from New York- good enough time but a terrific disappointment to Waterman.


The man who wouldn't give up


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He blued the air with oaths as he blamed Douglas for their not only missing the ninety-day mark and the $\$ 10,000$ bonus but also for losing to the Flying Cloud, thanks to the mate's rough treatment of the men and their consequent unfitness for work.

THE captain called the crew aft and told them that, as soon as they were ashore, he would see that all of them who had engaged in the mutiny were arrested. The whole crew, except for a few ringleaders whom Waterman had put aboard a revenue cutter for safekeeping, jumped ship with the aid of the always solicitious crimps and boarding-house runners. The Challenge lay at anchor for two days in the stream, unable to get to Pacific Street Wharf. No sailors or stevedores were available. Unlucky for Waterman and Douglas, not all of the Challenge's crew headed for the Mother Lode or were speedily shanghaied out by Embarcadero crimps. A few hung around waterfront saloons long enough to pour out their alcoholic memoirs of the passage to all who would listen. The newspapers picked up the tales, even the most incredible yarns, and printed them as fact. Public opinion soon became inflamed and by the time Waterman was ready to go ashore on the 30th, he found Whitehall boatmen surrounding his vessel in a hostile ring and the dock thronged with angry seamen howling for his and Douglas' scalps. Waterman managed to slip ashore to the agent's office and went into hiding there.

Since there appeared to be no escape possible from the Challenge, many of the boatmen rowed up to the Sansome Street Wharf to tie up their Whitehalls and enjoy a pipe while they walked down to the Pacific Street Wharf to see the fun. As the clipper was warped up to the dock, Douglas dropped off the side of the ship away from the pier into the waiting boat of Commodore T. H. Allen, who was in charge of the dock wallopers set to unload the Challenge's cargo. Spotted within a minute, Douglas and his friend were pursued by a number of Whitehall boats through the rotting fleet of abandoned ships lying off the Embarcadero. They passed Commercial Wharf and reached Rincon Point safely, however, and there disappeared into the brush.

The frenzied mob, egged on by
hardcases from the crew of the Challenge, beat the bushes, determined to lynch Douglas on the spot, but he made his getaway in the dusk.

The following day the sick and injured seamen of the clipper were removed to the Marine Hospital and the mood of the dockside crowd grew even uglier as it swelled in size. The mob, now two thousand strong, marched on the office of the consignees, Alsop \& Co., on California Street near Sansome. The California Courier on November 1 carried a wild, irresponsible and inflammatory story probably peddled by some drunken rogue whose pepperbox or Bowie knife had been heaved overboard. Waterman was described as a "bloody murderer," "a vile monster" and "one of the most inhuman monsters of the age." The most fantastic stories circulated about the 43-yearold captain, who began to be called "Bully" Waterman. The nickname would stick to him for the rest of his life. He was said to have shaken four men from the topmast. Five men were claimed to be dead of wounds, or ill treatment, five mangled or bruised and one dying the very moment the paper went to press. The captain was said to have shot men off a yard with a Winchester rifle and to have cleared the decks of the crew by training a loaded swivel gun on them. Not only did he carry a heaver tied to his wrist by a thong, like a policeman's billy, but with it he beat into insensibility three seamen in just one evening. Finally, he had shot his own son in cold blood.

Incredibly, the witless mob swallowed these tales as the veriest gospel. At the Aslop \& Co., office they demanded of Charles Griswold that he surrender Waterman. That gentle'man assured them that the captain was not there and invited a committee of six to search the building. They did, but Waterman had already escaped via the roof and that of the building next door. The infuriated crowd seized old Captain John Land, whom they found at the office, threatening to hang him on suspicion of having hidden Waterman. Before they could carry out their threats, however, they heard the sobering toll of the Monumental Engine Company bell. Six hundred Vigilantes answered the signal, offering their services this time -mirabile visu!-to establish offices of law and order. The Committee
was shocked by the demonstration of the group of waterfront citizenry who, in imitation of the Vigilantes themselves, had organized themselves spontaneously to see that their particular brand of justice was meted out.

THOMAS Gray explained the action of the Vigilance Committee in supporting the mayor and marshal against the Embarcadero mob, "We are informed that a state of feeling exists among a portion of the sailors who came out with Captain Waterman on the Challenge that is different from that which has generally been supposed to have existed among them unanimously. A gentlemen of this city informs us that nine of the seamen who have just arrived in her have waited on the consignee of this ship and informed them that they are willing to make a voyage to China in the Challenge with Captain Waterman as master. Five of these gentlemen are Americans and four are foreigners. The same gentleman states that the passengers are unanimous in justifying the course pursued by the captain on the way out.

Mayor Charles J. Brenham, backed by the bellicose Vigilantes, gave the mob just ten minutes to disperse. They cheered the Vigilance Committee, "groaned" Waterman and his mate and broke up for the moment. Many of them reassembled on Pacific Wharf to discuss whether or not they should burn and scuttle the clipper. One rabble-rouser mounted a barrel to preach to the throng that the blame for the shipboard brutality lay at the owner's feet because they had knowingly hired the "tyrant," Bully Waterman. The orator volunteered to be the first to set a torch to the Challenge but was hooted down by the crowd. When the U. S. marshal went aboard the vessel shortly thereafter, he found that vandals or looters had broken in the door of the cabins with handspikes and capstan bars and had cut many lanyards of the standing rigging. The marshal dispersed the crowd on the dock and told the Challenge's sailors that any complaint against master or mate should be formally made to him. A complaint finally was made and the Government authorities officially joined the hunt for Waterman and Douglas. The Alta California pleaded for the prevalence of cool heads, observing that "however true a certain portion of the reports may
be, there are many that are absolutely false and it would be well for the public to reserve their opinion at least until it is known which of the stories can be relied upon." Captain Waterman was well lied about and legends stuck to him like barnacles on a buoy. The truth would have to be refined out by the grinding of the judicial mills.

Captain Waterman dropped out of sight but Douglas was captured ten miles out of the city on the San Jose Road, hidden in a horse cart, as he fled to San Francisco. It was late in the morning of November 1, 1851, when Sheriff Jack Hays brought him back to town but not because of attempts to seize him for lynching by the fifty vengeful sailors rumored to be in pursuit of him. No, the delay was occasioned because "the prisoner insisted on taking a drink at every bar along the road."

Douglas and his companions had glowered and blustered at their captors but had made no real resistance. When apprehended, the mate did boast drunkenly, "My name is Douglas among soldiers, sailors and gentlemen. I whipped 'em and I'll whip 'em again." He added more soberly, "Well gentlemen, if you want to hang me, here's a pretty tree. Do it like men."

Waterman's defamers were not content to label the escaped captain a bruțe; they had to make him out a despicable coward, to boot. Therefore, tales were invented which had him being cowed and thrashed by both his first and second officer. In some of the chapter and verse, Second Mater Alexander Coghill surpassed his superiors in brutality and raffishness. He was said to have whipped both Waterman and Douglas with his fists in one encounter and to have buried alive (at sea) a sailor he had kicked off the waterfront footropes, sewing him up in his blanket as he groaned. Small wonder that Coghill was arraigned along with Waterman and Douglas on murder charges.

THE first testimony in the roundrobin of trials arising out of the Challenge case came from the blaspheming lips of George Hill, seaman. He testified that one day in a gale his watch was aloft about to take in the mizzen topsail on the second mate's orders when the chief mate also sang out a command to lay out on the yard and pick up the sail. The
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mate then asked "second" in rather blunt manner why he did not keep the dirty wretches on the yard. Without waiting for a reply, Douglas suggested that if Second Mate Coghill did not keep the men on the yard he would come up personally and kick him off. A moment later, a man fell off the yard into the sea. Coghill cried out that they would all be knocked off if the yard were not trimmed: He then kicked a seaman named Stevens. The latter did not fall as a result of the kick but, a moment later the sail came over the yard and carried Stevens and another man off. Both were killed.

Hill volunteered that the kick could not have caused the fall since he was between the men when it was delivered and, second, he was positive that it was the leech (the rope on the edge of the sail) which had caught Stevens and swept him off the yard. Seaman Andrew Nicholl and Thomas Johnson could add little to Hill's testimony and the court discharged the second mate from the accusation of murder but held him on bail for assault and unjustifiable treatment of the deceased.

An affidavit from Mate Douglas led to the arraignment of seamen Downey, Frederick Birkenshaw and Ralph Smith on charges of mutiny. First witness in this case was a passenger on the Challenge named Bradhurst. He testified that he saw Dougles being beaten by some twenty-odd sailors, one of whom was Downey, on the day of the mutiny. He did not see the knifing itself. Bradhurst stated that Waterman was going to put mutinous men in irons below decks but they threatened to iron him and the mate if he tried to punish them. Bradhurst also witnessed the discovery of Birkenshaw hiding in the forecastle under some coils of rope a month after the scuffle. It had been supposed that he had jumped overboard when Waterman broke up the attack on the mate. The most electrifying testimony to come from Bradhurst was the statement that Birkenshaw had told the captain that the second mate was in on the plot and had offered to supply the mutineers with irons for Waterman and Douglas. Passenger Richard Moore substantiated this testimony.

The U. S. District Court was abuzz with excitement when James Douglas himself was called to the witness
stand. The burly, 200-pound bucko spoke right out, without equivocation, "I was standing on deck seeing the chests overhauled when I was seized from behind and thrown down. While I was falling, I received a wound; there were several kicking me. I rose and Smith had hold of me with both hands around my neck. I struck him twice but he still retained his hold. I called on the men for assistance and reached out and got a stick. The man ran off. The captain came up and told Smith to let me go and then seized him and broke his hold. I then started in search of Birkenshaw, learning that he was the man who first seized me. I ordered the second mate to search. He appeared very dilatory; could not find Birkenshaw. When I got aft some of the prisoners were tied. Smith said the mutiny had been in contemplation for a month."

When Coghill was called as a witness in the testimony he vehemently denied that he had offered to supply irons to the plotters. Nor had he any knowledge of the mutiny until the third mate awoke him to say that there was a "row on deck." He hurried topside, where he saw men tied in the rigging on both the lee and weather side of the ship. Douglas grabbed him by the arm and said, "Mr. Coghill, I want you to look for that man and be damned quick about it." When Coghill asked, "What man?" Douglas shouted at him, "That 'Fred' in your watch."

COGHILL searched the ship but found no trace of Birkenshaw. When he reported this to Douglas, the latter commented, "This (attack) is a made up thing among them." Pulling out a dirk, he said to the second officer, "I advise you to carry something of this kind with you." Coghill replied that he was sure he could take care of himself with just his fists. Douglas only growled, "Damn their souls, I am damned glad the row has occurred. I can lick them as much as I like and they can't do anything with me when I get to California."

On November 11 Douglas' appilication for bail was refused by Commissioner Jones. The same day, James McCartney, the seaman who's affidavit had caused the chief mate's arrest and confinement, died in the Marine Hospital. Coghill was discharged from the murder accusation
but held on bail for two charges of assault and battery and eventually committed on a charge of mutiny as well.
Hardly had one trial ended than another was launched. U. S. Commissioner John A. Monroe next examined Douglas on the charge of murder of a sailor named Papaw. Seaman Charles C. Weldon testified that the old man had died on the Challenge as they were sounding the Horn. Papaw had no shoes or socks and when ordered on deck his feet froze and he could hardly move. Weldon's testimony accused Waterman of beating the old Italian with a belaying sin the day before his death because he had been a little to slow in letting go a line. The next day Douglas found him hidden below and questioned him on deck, although Papaw could hardly speak a word of English. The mate tried to beat the answers out of him by striking him five or six times with his fists. Papaw ran below but Douglas followed and held him up while he pounded him in the face and ribs for fully two minutes while Weldon stood by, helpless. When the mate left. Weldon aided the Italian into his bunk where he lay groaning and dazed, his eyes so swollen he could not see. Weldon then went on deck and an hour later a shipmate came up to report that Papaw was dead. George Hall backed up Weldon's story though his facts did not jibe exactly with those of the prior witness. He had seen the beating from aloft and claimed that Douglas wielded a large stick until the blood ran freely on the deck from the prostrate form of Papaw. According to Hall, Waterman brought some wine and water to Papaw but he died.

HALL and a buddy named Jerry had sewed Papaw up in his blanket for burial over the side. "Let's overhaul him," Jerry had suggested, so they opened his shirt to find his chest and left side all black and blue. His head was bloody and his hair matted with gore. Though he had only one shoe on, the old man was warmly dressed in thick pants and two flannel shirts.

On the 11th, Captain Waterman surrendered to the authorities, waived an examination and was committed to trial on four different warrantsthree for assault and one for murder. Before he reached the stand, Coghill
and Birkenshaw pleaded not guilty to mutiny. Waterman pleaded not guilty to his indictment and the difficult job of choosing a jury began. Many veniremen were excused for bias but twelve men were finally found to serve.

The marathon trials continued on through November, fed by a dozen indictments of Waterman, Douglas, Coghill and Birkenshaw. The testimony was amended and rehashed. Passengers W. W. Burdick and William Maston were followed by seaman John Leggett who told Judge Ogden Hoffman that he saw Waterman beat Birkenshaw, while on his knees, with a stick. However, under close questioning, Leggett admitted that the death toll on the Challenge was not all due to brutality-"The health of the crew during the passage was bad; we had ten deaths."

A French crewman, Nisrop, was questioned through an interpreter, then U. S. Attorneys Benham and Barbour jousted with defense counsels McLane, Hamilton and Austin. The latters' argument was that the ship was in a mutinous condition which justified the acts charged if committed. The judge's charge warned the jury not to pass on Waterman's general conduct but only the case in question. They retired at 11:30 a.m. and at 2 a.m. the next morning they had reached a verdict. At 9 a.m. they came in to report no agreement or hope of one. They were discharged. Waterman had not time for even a smile of relief. A new jury was empanelled to try him for the cruel punishment of Tons Miti, alias Ions Smiti, alias John Smith. Many jurors were rejected but a panel was finally organized. Andrew Nicholl and Thomas Johnson testified that they saw Waterman beat the sickly Smith with a stick as he holystoned the deck. The District Attorney hoped to question Smiti but there was no interpreter in San Francisco who could translate for him-he was a Finn. The D. A. therefore rested his case. A passenger, in testifying for the defense, stated that Smith was struck with only a small rope. The jury's verdict found Waterman guilty of assault on "John Smith."

Waterman and Douglas were next tried for beating a seaman named George Lessing but known as "The Dancing Master" because he jumped about so gingerly when flogged.

George Hall had heard the captain say, "I think we'll baptize him." He saw Waterman and Douglas throw the lad into the lee scuppers, which were awash. While the boy tried to keep his head above the water, the captain and mate jumped him. Lessing died shortly after the ducking, doubtless helped along by a massive dose of castor oil given him by a zealous but misguided passenger named Maston. Despite the "short but impressive" charge of the judge, the jury was unable to agree in night-long deliberation.

The next case caused a stir in court as Waterman was called as a witness in the trial of Douglas of inflicting cruel and unusual punishment on Ion Smiti. The captain described the Finn. "He shipped as an ordinary seaman. He was lazy, dirty, indolent, always skulking . . . I ordered the mate to give him a rope's end and I think he deserved it. I once ordered him to stand on the hatch and see other persons work, and asked him what he would rather do. He replied that it did not make any difference to him. The defendant was not the only one who skulked; nearly the whole crew did it. I think it was the worst crew I've ever seen. I have been to sea for the last thirty years. There were not more than ten Americans in the crew. They would fight among themselves, cut, gouge, bite and kept up a continual row . . ." He mentioned that he had seen the crew drive the malingering Finn on deck and, another time, had seen them sling him on a rope. Smiti always complained of pains in his legs and of other ills, but, noted Waterman, "He appeared to walk well when going to the galley for his tea." Douglas was found guilty on only one of the four counts of the indictment.

The court turned more of its attention to the mutiny as the New Year began. George Smith testified the crew was beaten with belaying pins, straps, billets of wood, heavers, fists and ropes. (He had been beaten personally by Waterman with a belaying pin and a searing mallet.) Leggett, Johnson, Weldon and White had similar testimony, but Charles Flanders summed it up best; "I was beat with a club myself. I did not disobey orders; the first intimation I had was a crack on the head . . . All the crew were beat except the Dagoes; every-
body aboard was beat except Jerry."
This damaging testimony against Waterman and Douglas was weakened by that of Charles Pearson, a veteran of forty years at sea who had served on a frigate with Decatur. He had been beaten but admitted: "We had a miserable crew on board the Challenge; not more than eight or ten good men. Most of them were miserable trash."
Coghill was tried and convicted of brutality toward John Brown. Waterman and Douglas were brought to trial for beating Alexander Nicholl, but "the principal witness called for the prosecution being so drunk as to be unable to testify, and the U. S. District Attorney being satisfied that there was not sufficient facts to justify a prosecution of the case, entered a nolle prosequi. Perhaps the court as well as the public was beginning to tire of the attacks on the Challenge's master and mate. In any case, a nolle prosequi was entered in the case of assault upon Charles Pearson and Thomas Cleaver and, finally, "on the motion of the U. S. District Attorney a nolle prosequi was entered against both defendants for all indictments, save in the case of James Douglas for the murder of one, Papaw. Captain Waterman was discharged on his own recognizance." Douglas was shortly released on his own recognizance and the two were free men.

The master and mate of the Challenge were never to tread her decks again. Captain Jon Land took the clipper out in 1852 after paying $\$ 200$ advance money to each man who wouid sail on the "hell ship." He found them so mutinous he had to put into Hong Kong and get help from the Royal Marines. The Challenge visited San Francisco a few more times as a degraded coolie clipper, enjoyed another mutiny, and was lost in 1876.

Douglas was a frightened man after the trials. He dropped out of sight perhaps giving up the sea as a profession for one which would insure him longevity. Waterman, though acquitted of practically all of the brutality charges made against him, was a marked man. He gave up blue water sailing and spent his time doing salvage, buying vessels and wrecks, and serving as U. S. Inspector of Hulls for San Francisco. By 1885 E. A. Wheeler found him "about the most popular man on the city front.".

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