

(Model.)

C. TANGENBERG.
IMPLEMENT FOR STRIPING.

No. 301,402.

Patented July 1, 1884.

Fig. 1.

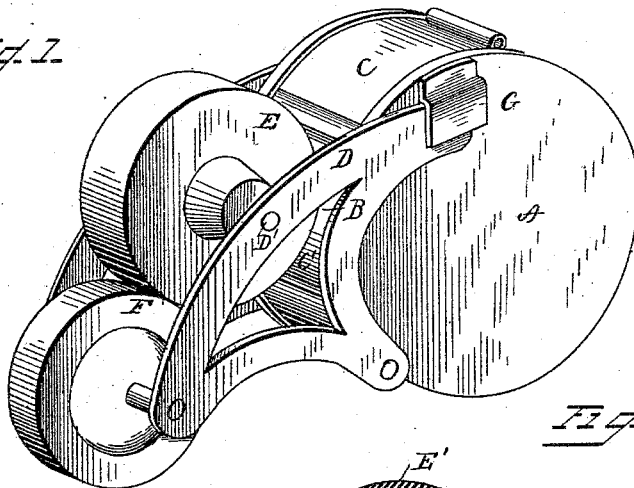


Fig. 2.

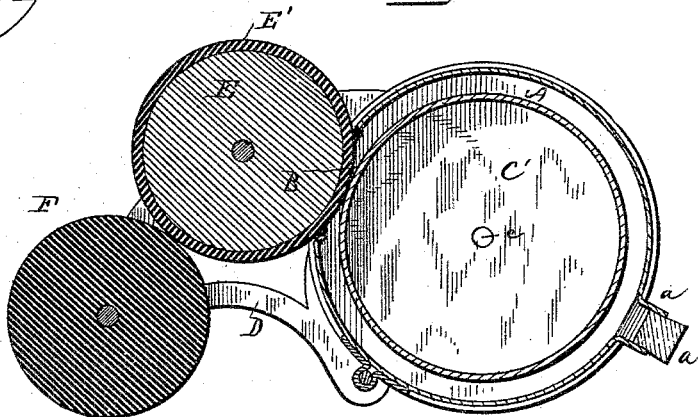


Fig. 3.

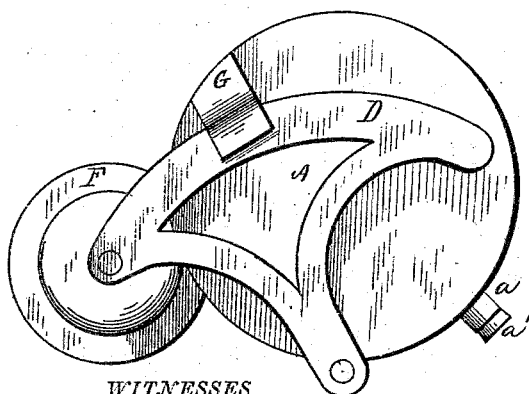
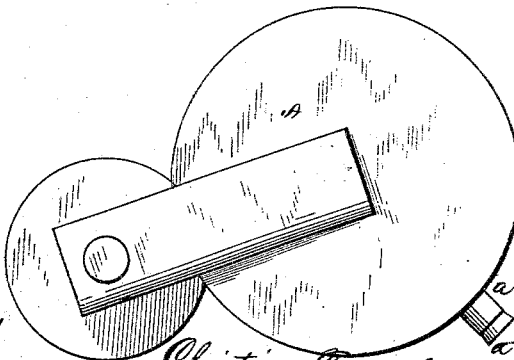


Fig. 4.



WITNESSES
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UNITED STATES PATENT OFFICE.

CHRISTIAAN TANGENBERG, OF GRAND RAPIDS, MICHIGAN.

IMPLEMENT FOR STRIPING.

SPECIFICATION forming part of Letters Patent No. 301,402, dated July 1, 1884.

Application filed February 12, 1884. (Model.)

To all whom it may concern:

Be it known that I, CHRISTIAAN TANGENBERG, a citizen of the United States, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented a new and useful Improvement in Stripers, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to paint-striping machines, which are designed to be used upon work in which it is necessary to make stripes or straight lines; and it has for its object to provide a device of this character which shall automatically distribute the paint evenly and in a straight line.

A further object of the invention is to provide a device of this character of cheap, simple, and durable construction, and one that may be easily and readily operated.

The invention consists in the improved construction and combinations of parts hereinafter fully described, and pointed out in the claims.

In the drawings, Figure 1 is a perspective view of a device constructed in accordance with my invention. Fig. 2 is a transverse section of the paint-receptacle; and Fig. 3 is a side elevation showing one paint-distributing wheel only in use, and Fig. 4 is a modification.

In the accompanying drawings, in which like letters refer to corresponding parts throughout the several figures, A represents the paint receptacle or holder, the same consisting of a cylinder constructed of thin sheet metal, and provided upon its under side with an opening, *a*, to receive a stopper, *a'*. This paint-holder A is also provided upon its upperside with an oblong slot or recess, B, which may be covered, when so desired, by a slide, C, which rests in guides secured upon the upper edges of the holder A. Within the holder A, and mounted upon a shaft, C, is a cylinder, C', which is nearly as large as the holder A, but leaving a sufficient space between itself and the inner side of the holder, to allow of the perfect revolution of the said cylinder when in operation.

Upon the upper portion of the holder A, a short distance in the rear of the slot B, is pivoted one end of a bracket, D, which may be said to approximate a triangle in shape. At the upper or top end of this bracket D, and

between the sides thereof, is a roller, E, which is loosely mounted upon a shaft, D', the ends of which are secured in the sides of the bracket D. This wheel or roller E consists of a central disk having a covering of rubber, E'.

F represents another wheel or roller, which is mounted within the sides of the bracket D, and which is formed of wood or other suitable material, having its circumferential surface provided with a covering of felt or like material. This roller F is situated adjacent to the roller E, and is adapted to be revolved by frictional contact with the same when in operation. This roller F is also situated adjacent to the paint-carrying cylinder C', which is revolved thereby. The lower end of the bracket D is mounted in ears G, which are secured to the sides of the paint-receptacle A, these serving as guides and allowing the wheels E and F to be thrown back out of the way when so desired. The wheel F may also be dispensed with, when so desired, and the ends of the bracket lowered in the guides G, thus bringing the roller E in direct contact with the cylinder C'.

The operation of my device is as follows: Paint is introduced upon the cylinder C' through the opening B. The wheel E is then placed in contact with the object to be striped or lined, and upon the same being moved will revolve the wheel F by frictional contact, which revolves the paint-cylinder C', thus distributing the paint in a straight and even line. The paint may be withdrawn by removing the stopper or plug upon the under side of the receptacle A.

It will be apparent that the device above described is extremely simple in its construction, and that its operation is certain and effective.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination, with a paint-receptacle made cylindrical in form, having an inner cylinder loosely mounted to revolve therein, and having a slot or opening upon its peripheral edge, of two rollers mounted in a bracket pivoted at one end to the sides of said receptacle, substantially as set forth.

2. The combination, with a paint-receptacle made cylindrical in form, having an inner cyl-

inder loosely mounted to revolve therein, and having a slot or opening upon its peripheral edge, of two rollers mounted in a bracket pivotally secured to the sides of the paint-receptacle at one end, and ears or lugs forming guides adapted to receive the other or lower ends of said bracket, substantially as set forth.

3. The combination, with a paint-receptacle made cylindrical in form, having an inner cylinder loosely mounted to revolve therein, and having a slot or opening upon its peripheral edge and a slide for closing the same, of two rollers mounted in a bracket pivotally secured to the sides of the paint-receptacle at one end, and ears or lugs forming guides adapted to receive the other or lower ends of the said bracket, substantially as set forth.

4. The combination, with a casing, A, having an opening, c, and a slide, c', to close the same, and also having a cylinder loosely mounted to turn therein, of a bracket, D, substantially triangular in form, pivoted to the said casing A, and carrying paint-distributing wheels E F, the free ends of said bracket resting in guides G, secured to the sides of the casing A, substantially as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

CHRISTIAAN TANGENBERG.

Witnesses:

L. S. PROVIN,
ESTELLE H. PROVIN.