

L. D. ORMSBY.

Device for Locking Ice-Tongs, &c., to the Wagon

No. 163,236.

Patented May 11, 1875.

Fig. 1.

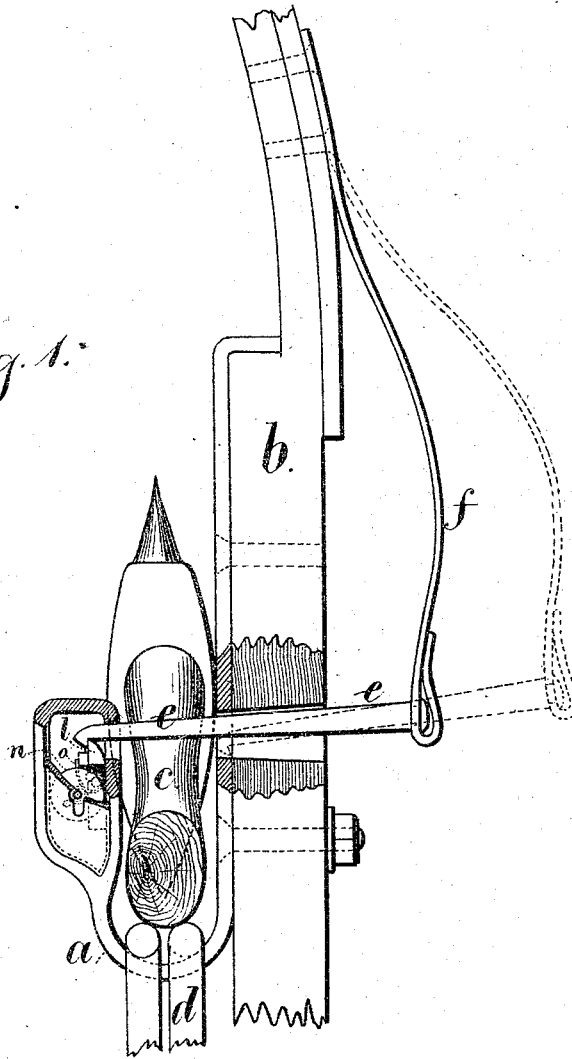
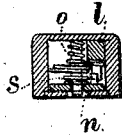


Fig. 2.



Witnesses

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LEONARD D. ORMSBY, OF NEW YORK, N. Y.

IMPROVEMENT IN DEVICES FOR LOCKING ICE-TONGS, &c., TO THE WAGON.

Specification forming part of Letters Patent No. **163,236**, dated May 11, 1875; application filed April 6, 1875.

To all whom it may concern:

Be it known that I, LEONARD D. ORMSBY, of the city and State of New York, have invented an Improved Locking-Hook for Ice-Wagons, of which the following is a specification:

It is usual to provide a hook at the back of the ice-wagon, upon which the ice-tongs are hung, and in which the handle of the ax or hatchet is laid. These ice-wagons are exposed to severe jolting, and sometimes the tongs are shaken off and lost, or the hatchet-handle gets out of place. In other instances these implements are stolen or charged while the cart is standing still waiting turn for receiving the ice or otherwise.

My invention relates to a lock combined with the hook in such a manner that the hook may be used in the ordinary way, but whenever it is desired to do so, the hook may be closed, and the tongs or ax-handle or both confined securely therein.

In the drawing, Figure 1 is a sectional elevation of the hook and lock when closed, and Fig. 2 is a horizontal section of the lock.

The hook *a* is usually attached to the rear bow *b* of the wagon-cover, and upon it the ax-handle *c* and tongs *d* are usually placed. I add to this hook a closing-bar, *e*, and lock to secure the implements whenever so desired. This lock may be of any suitable construction.

The closing-bar *e* is shown as connected to

the spring *f*, by means whereof the bar is held back when not in use. When said bar is pressed across the hook the end thereof is caught in the spring-bolt *l* of the lock. The spring *o* serves to project this bolt *l*, and there is a spring-tumbler, *n*, that is acted upon by a key that serves to draw down the bolt *l*, and allow the closing-bar *e* to fly back. The spring *s* acts to press the spring-tumbler toward the key-hole and prevent dirt getting into the lock. This tumbler is pressed back by the key, and a ward or pin upon the same entering a hole in the tumbler serves to turn the same and withdraw the bolt.

The lock is opened instantly, and with very little trouble, because by the insertion of the key and a partial turn thereof the closing-bar is liberated and springs back of itself, and when the hook is to be closed it is accomplished simply by pressing on the spring.

I claim as my invention—

1. The combination, with the hook *a*, of the closing-bar *e*, and lock, substantially as set forth.

2. The spring-tumbler *n*, and bolt *l*, in combination with the hook *a*, closing-bar *e*, and spring *f*, substantially as set forth.

Signed by me this 1st day of April, 1875.

L. D. ORMSBY.

Witnesses:

GEO. T. PINCKNEY,
CHAS. H. SMITH.