

(No Model.)

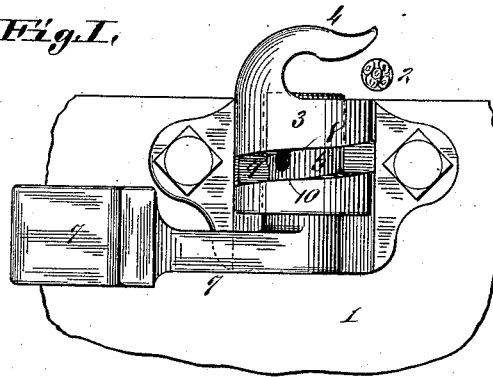
E. J. HERMAN.

ELEVATOR LOCK.

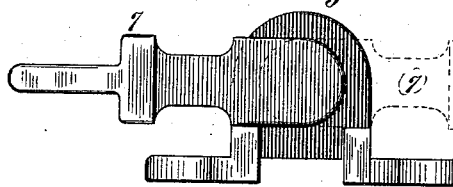
No. 382,980.

Patented May 15, 1888.

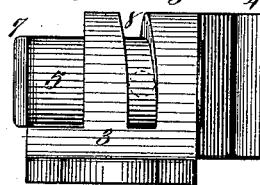
*Fig. I.*



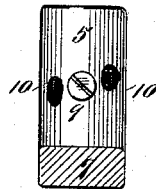
*Fig. II.*



*Fig. III.*



*Fig. IV.*



*Attest;*

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*By Knight Bros.*

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# UNITED STATES PATENT OFFICE.

EMILE J. HERMAN, OF ST. LOUIS, MISSOURI, ASSIGNOR TO THE SAFETY  
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## ELEVATOR-LOCK.

SPECIFICATION forming part of Letters Patent No. 382,980, dated May 15, 1888.

Application filed January 21, 1888. Serial No. 261,474. (No model.)

*To all whom it may concern:*

Be it known that I, EMILE J. HERMAN, of the city of St. Louis, in the State of Missouri, have invented a certain new and useful Improvement in Elevator-Locks, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, and in which—

Figure I is a top view of my improved lock. Fig. II is an end view. Fig. III is a side view. Fig. IV is a view of the bolt removed.

My invention relates to that class of elevator-locks in which a longitudinally-movable bolt is used in connection with a fixed jaw for locking or holding the shipping-rope of an elevator; and my invention consists in features of novelty hereinafter fully described, and pointed out in the claim.

Referring to the drawings, 1 represents part of the cage of an elevator.

2 is the shipping-rope.

3 represents a box or housing secured to the cage near the shipping-rope, and it has a fixed jaw or projection, 4. It is made hollow to receive a bolt, 5, on the outer end of which is an operating-lever, 7.

8 represents a slot in the box or housing, through which a pin, 9, in the bolt passes and works.

So far as I have described there is nothing new in the lock.

My invention consists in making the movement of the bolt adjustable to suit shipping-ropes of different sizes, and I accomplish this, preferably, by means of two or more holes, 10, made in the bolt to receive the pin 9. By removing the pin from the hole in which it is shown and inserting it in one of the other holes it will be seen that the bolt will be made to move nearer to or not so near the jaw each time the lever is thrown forward. I am thus enabled to use the device on shipping-ropes of different sizes, it being understood that as the lever is thrown over, the pin, working in the inclined slot, will cause the longitudinal movement of the bolt, and by changing the pin this longitudinal movement may be varied.

I claim as my invention—

In an elevator-lock, the combination of the box or housing having a fixed jaw and an inclined slot, a bolt adapted to fit in the box or housing and having two or more holes, an operating-lever on the bolt, and a pin adapted to fit in either of the holes and to work in the slot, substantially as and for the purpose set forth.

EMILE J. HERMAN.

In presence of—

JOS. WAHLE,  
A. A. KNIGHT.