H. Altrend.

Trunk Lock.

No. 90,804. Patented Jun. 1, 1869.

Fig. 1.

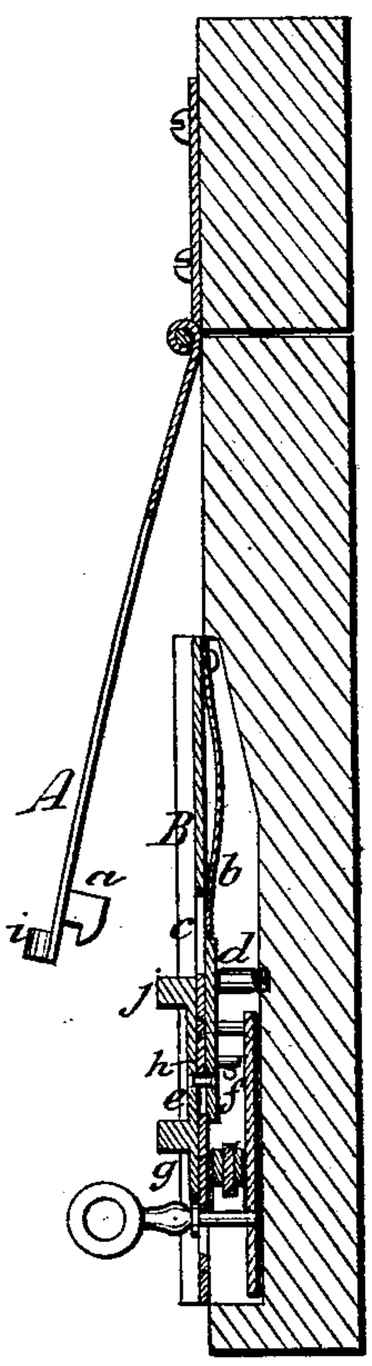
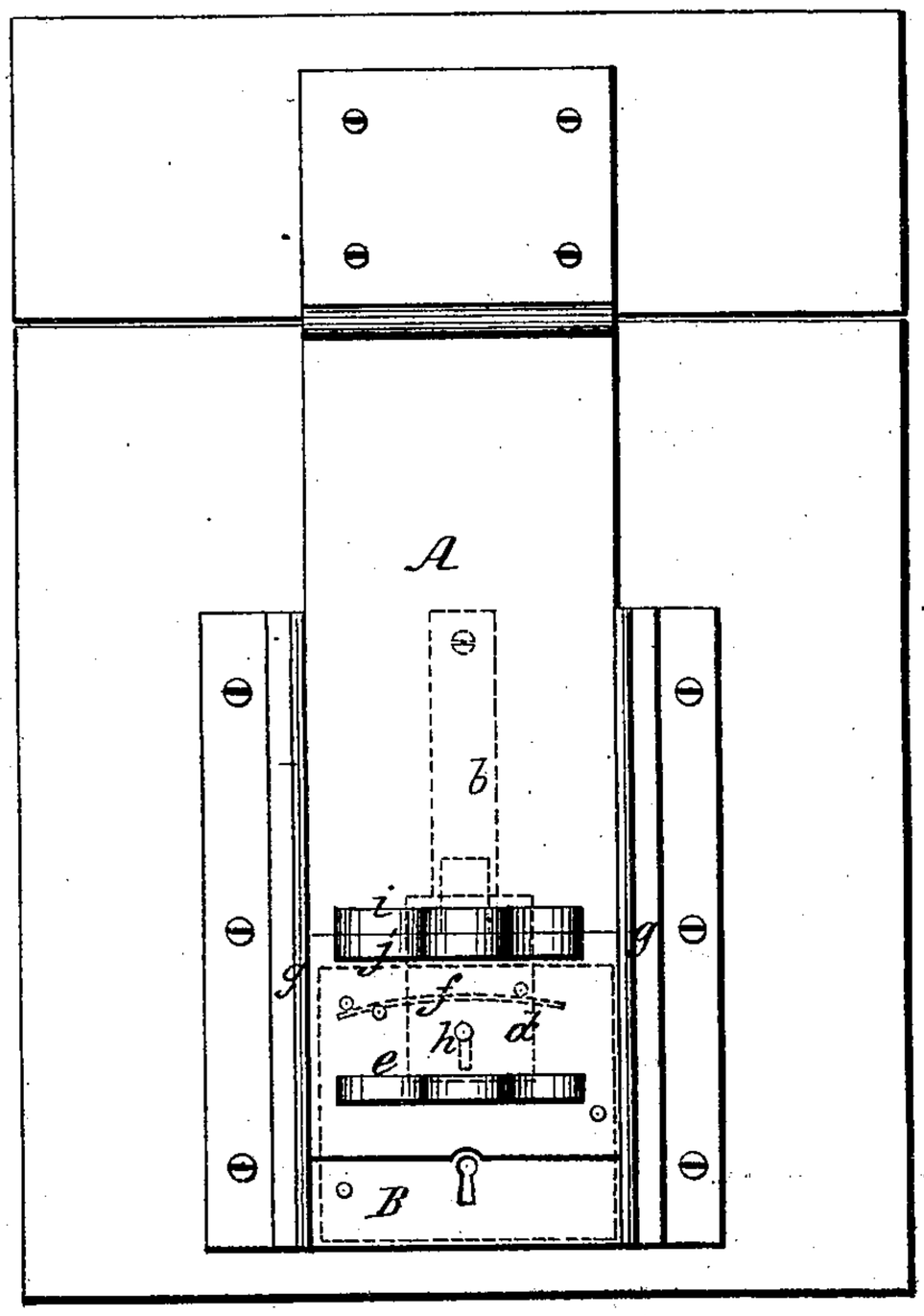


Fig. 2.



Witnesses
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Letters Patent No. 90,804, *dated June* 1, 1869.

IMPROVED TRUNK-LOCK

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, HERRMANN AHREND, of the city of Brooklyn, in the county of Kings, State of New York, have invented a new and useful Improvement in Hasp-Locks; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which drawing—

Figure 1 represents a vertical section of this invention.

Figure 2 is a front view of the same.

Similar letters indicate corresponding parts.

This invention relates to certain improvements in that class of locks in which the hasp is combined with the locking-mechanism in such a manner that it admits of the introduction of a wire for the purpose of attaching a seal.

The improvement consists in the arrangement of a slide being fitted in suitable guide-ways on the front plate of the lock, and connected to a latch, which is subjected to the action of a spring, and capable of being locked by the locking-mechanism, in combination with a spring-platform bearing up against the inner side of an opening in the lock-plate, and with a nose attached to the hasp, in such a manner that by depressing said hasp on the spring-platform, the latch is forced back against the action of its spring, and then caused to catch under said nose, so as to retain the hasp, both the slide and the hasp being provided with projecting lugs, perforated with holes for the admission of the sealing-wire; and by pushing back the slide, the hasp is thrown up by the action of the spring-platform, thus producing a hasp-lock, which can be securely locked, conveniently sealed, and easily operated.

In the drawing—

The letter A designates a hasp, which may be attached to the lid of a trunk, or to a sliding door of a mail-car, or to any other equivalent part of a box, chest, or receptacle, intended to be locked by said hasp. To the inner side of this hasp is secured a nose, *a*, and if the hasp is depressed, it strikes a spring-platform, *b*, which is secured to the inner surface of the lock-plate B, and covers one-half of a hole, *c*, in said lock-plate.

The other half of said hole is covered by a latch, *d*, which is attached to a slide, *e*, and subjected to the action of a spring, *f*, shown in dotted line in fig. 2, so that when it is allowed to follow the action of this spring, it is carried forward close to the spring-platform *b*.

The slide *e* moves in suitable guide-ways, *g*, which are attached to the outside of the lock-plate, as seen in fig. 2, and it connects with its latch *d* by the pin *h*, which moves in a slot in the lock-plate, and which, by coming in contact with the end of said slot, forms a stop, whereby the slide-latch is prevented from being carried too far by the action of its spring, *f*.

The nose *a* is so formed, that when the same is depressed into the hole *c* of the lock-plate, its edge will force the slide-latch *d e* back against the action of its spring, and when the hasp has been depressed to its full extent, the slide-latch catches under the shoulder of said nose, and the hasp is firmly retained. If the slide-latch is then pressed back by hand, or other means, the hasp is thrown out of its socket by the spring-platform *b*.

An ordinary key and locking-mechanism serves to lock the slide-latch, after the hasp has been depressed.

To the outer surface of the hasp, and to that of the slide-latch, are secured lugs *i j*, which are perforated with holes to admit a wire or cord, for the purpose of sealing the lock.

By these means a seal-lock is obtained, which is very convenient in its operation, strong, simple, and durable in its construction, and applicable to mail-cars, or trunks of any desired description, where it is desirable to secure the lock by a seal.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

The slide-latch *d e*, fitted into guide-ways *g*, on the lock-plate, in combination with the spring-platform *b*, hasp A, and with an ordinary locking-mechanism, all as shown and described.

This specification signed by me, this 6th day of April, 1869.

HERRMANN AHREND.

Witnesses:

W. HAUFF,

E. T. KASTENHUBER.