

(No Model.)

C. F. KURZ.  
FASTENING FOR TRAVELING BAGS.

No. 456,040.

Patented July 14, 1891.

Fig. 1.

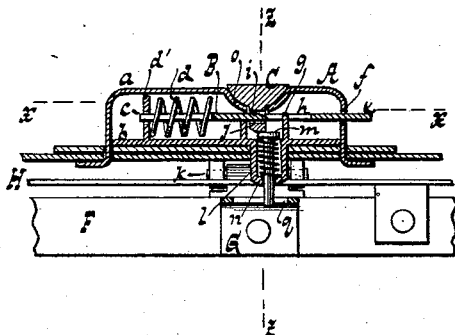


Fig. 2.

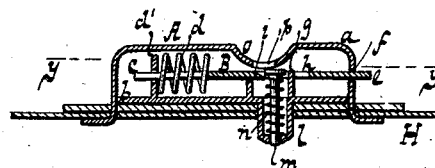


Fig. 3.

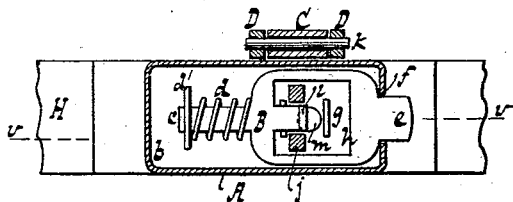


Fig. 4.

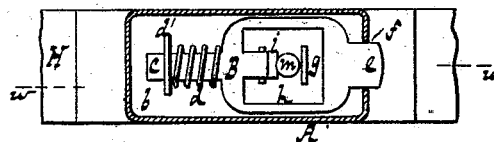
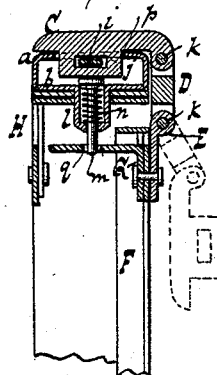


Fig. 5.



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## FASTENING FOR TRAVELING-BAGS.

SPECIFICATION forming part of Letters Patent No. 456,040, dated July 14, 1891.

Application filed March 12, 1891. Serial No. 384,723. (No model.)

*To all whom it may concern:*

Be it known that I, CHRISTOPH F. KURZ, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented new and useful Improvements in Locks for Traveling-Bags, of which the following is a specification.

This invention relates to a lock which is intended particularly for traveling-bags, but which may also be used for other articles.

The peculiar and novel construction of my lock is pointed out in the following specification and claims, and illustrated in the accompanying drawings, in which—

Figure 1 represents a longitudinal vertical section of the lock when closed, the plane of section being indicated by the line *v v*, Fig. 3. Fig. 2 is a similar section when the lock is opened, the plane of section being indicated by the line *w w*, Fig. 4. Fig. 3 is a horizontal section in the plane *x x*, Fig. 1. Fig. 4 is a similar section in the plane *y y*, Fig. 2. Fig. 5 is a transverse section in the plane *z z*, Fig. 1.

In the drawings, the letter A designates the case which incloses the locking mechanism. This case consists of the cap *a* and the bottom plate *b*, which is secured in the cap by solder or any other suitable means. Into this cap is fitted a slide B, the tail *c* of which is guided in a slotted lug *d'*, which rises from the bottom plate *b*. A spring *d* has a tendency to throw the slide B into the position shown in Figs. 1 and 3, and from the front end of said slide projects a finger-piece *e* through a slot *f* in the cap *a*, so that by pressing against this finger-piece the slide can be pushed back against the action of the spring *d*. The backward movement of the slide is limited by a stop *g*, which rises from the bottom plate *b* and extends into an opening *h* formed in the body of the slide. From the rear edge of this opening extends the bolt *i*, which engages the hasp C, as will be presently explained. The hasp C is provided with an eye *j*, the bottom edge of which is beveled, Fig. 1, and said hasp is connected by a link D, Fig. 5, with a bracket E, which is firmly secured to the inner jaw F of a traveling-bag

frame or to any equivalent part of the article to be locked. The connections between the hasp, the link, and the bracket are made by pivots *k k*, so that said hasp can be brought into its locking position shown in full lines in Fig. 5, or that it can swing to its unlocking position shown in dotted lines in said figure.

From the bottom plate *b* of the case A projects a tubular nipple *l*, which forms the guide for a pin *m*. This pin is subjected to the action of a spring *n*, which has a tendency to throw the same up to the position shown in Fig. 2, the upward movement of said pin being limited by a depression *o* formed in the top of the case A. When the locking mechanism is open, as shown in Figs. 2 and 4, it is desired to lock the traveling-bag or other article to which my lock is attached, the hasp C is swung up from the position shown in dotted lines in Fig. 5, and when the eye *j* of the hasp is depressed into the opening *p* in the top of the case A it forces the pin *m* downward to the position shown in Fig. 1, and as soon as the opening in the eye of the hasp comes in line with the bolt *i* of the slide B this slide is driven forward to the position shown in Figs. 1 and 2, and the bolt *i* locks the hasp against the action of the spring *n*, which acts upon the pin *m*. At the same time this pin is depressed and its lower end is caused to extend into an eye *q* formed in a bracket G, which is secured to the jaw F, so as to produce an additional locking effect. In order to open the locking mechanism, the slide B is forced back from the position shown in Figs. 1 and 3 to that shown in Figs. 2 and 4, and as soon as the bolt *i* of the slide clears the eye *j* of the hasp the pin *m* is driven upward by the spring *n*, the hasp is thrown out to the position shown in dotted lines in Fig. 5, and the pin *m* forms a stop which retains the slide B in its unlocking position. (See Fig. 2.) By this arrangement the bolt-slide B can be operated from the exterior of the lock-case A to release the hasp-eye *j*, and the pin *m* not only serves to eject or lift the hasp, but also acts as a detaining device for holding the bolt-slide in position for its subsequent movement into engagement with the hasp-eye

when released from the detaining-pin. It will be observed that the case A, with its locking mechanism, is attached to the outer jaw H of the bag-frame, while the hasp and the bracket G are attached to the inner jaw F.

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

1. The combination, in a bag-lock, of a slotted lock-case, a hasp, a spring-actuated slide having a hasp-engaging bolt and a finger-piece projecting through the slot in the lock-case, and a spring-actuated hasp ejecting or lifting pin, substantially as described.

2. The combination, with the case A, of the slide B, the spring acting on said slide, the bolt *i* and finger-piece *e*, carried by said slide, the hasp C and its link connection D, and the

spring-actuated pin *m*, substantially as described.

3. The combination, with the hasp C, carried by the inner jaw F, of the spring-actuated slide B, carried by the outer jaw H, the bolt *i*, formed on said slide, the spring-actuated pin *m*, carried by the outer jaw H, and the bracket G, carried by the inner jaw F, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

CHRISTOPH F. KURZ.

Witnesses:

WM. C. HAUFF,  
E. F. KASTENHUBER.