

(No Model.)

W. R. MORSE.  
HASP LOCK.

No. 446,187.

Patented Feb. 10, 1891.

Fig. 1.

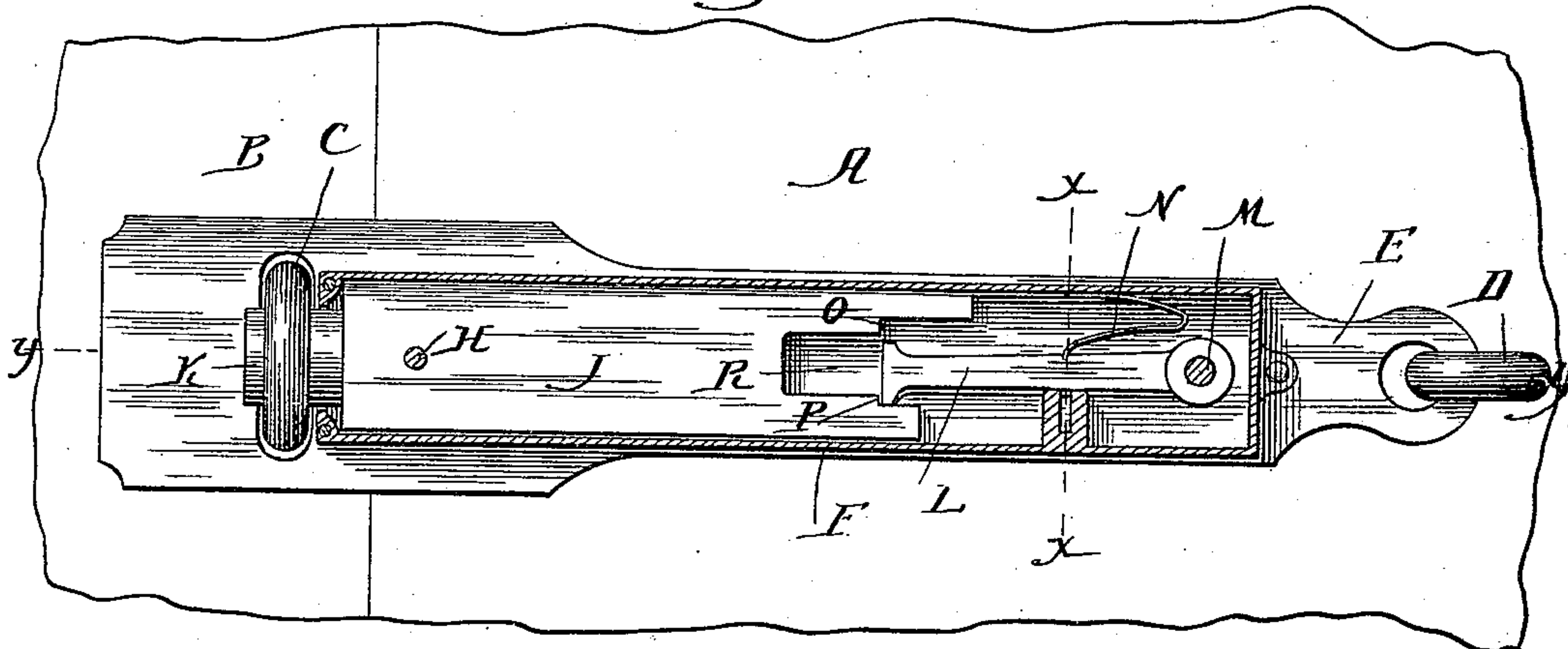


Fig. 2.

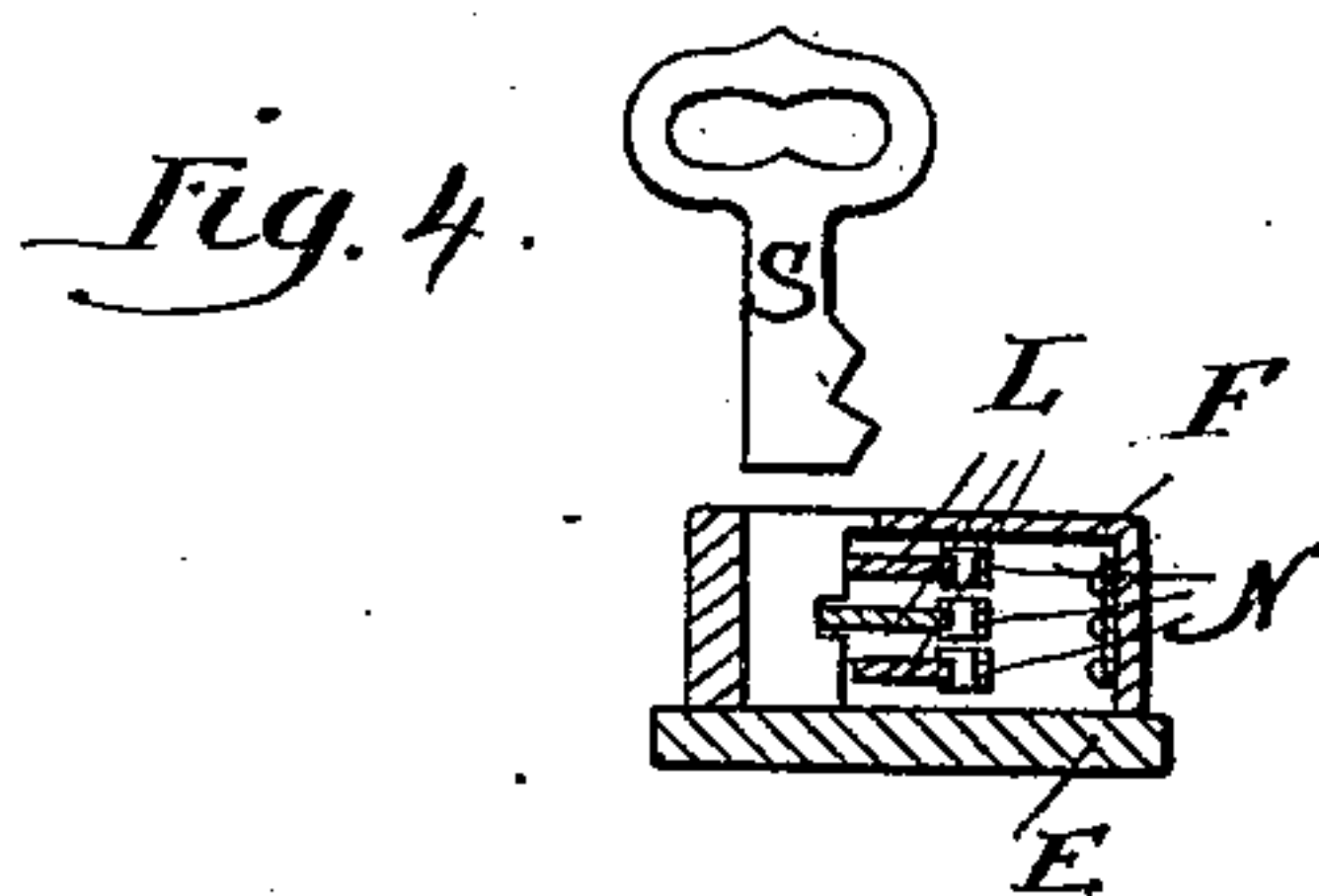
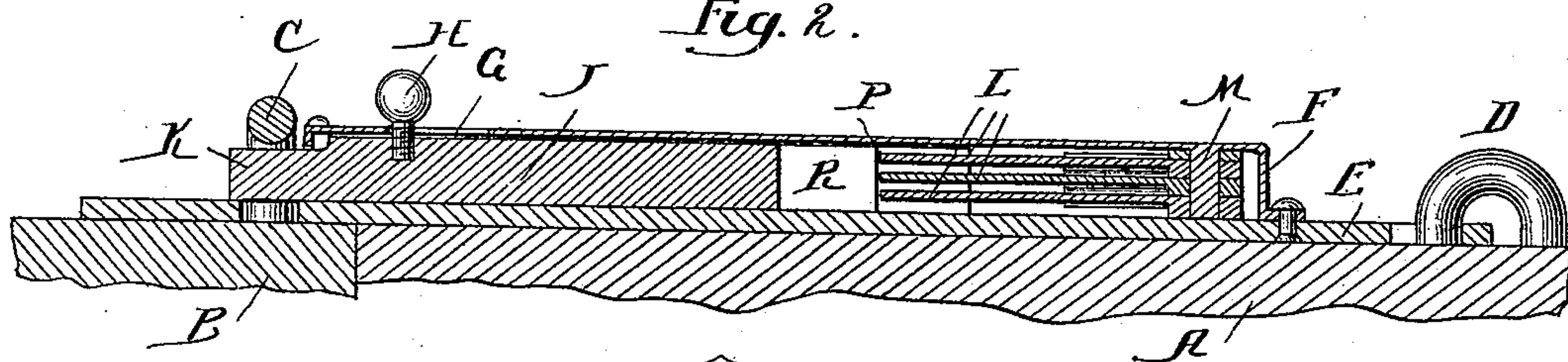
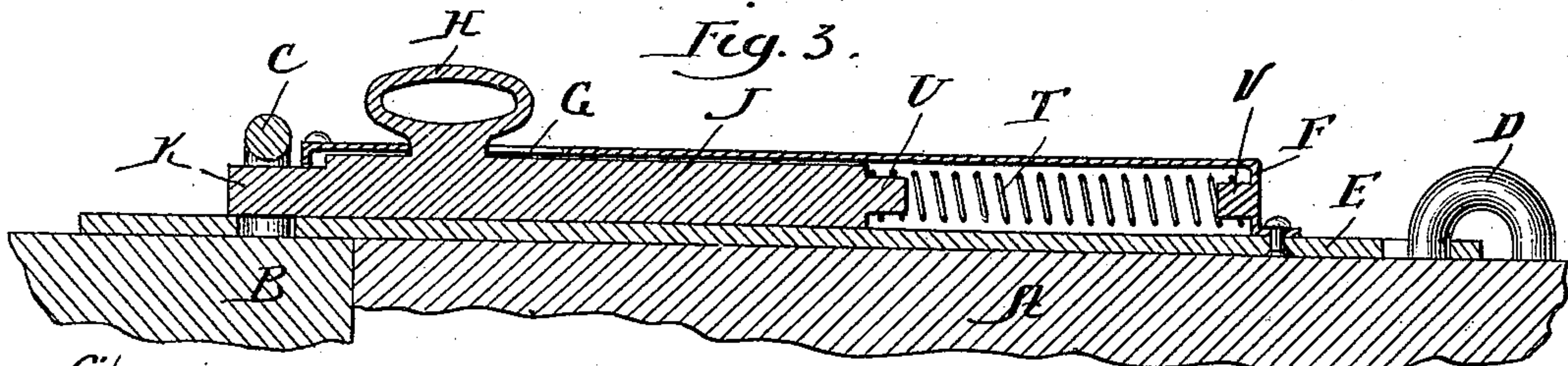


Fig. 3.



Witnesses:

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# UNITED STATES PATENT OFFICE.

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## HASP-LOCK.

SPECIFICATION forming part of Letters Patent No. 446,187, dated February 10, 1891.

Application filed April 22, 1890. Serial No. 349,005. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM R. MORSE, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Hasp-Locks, of which the following is a clear and perfect specification.

My invention relates to improvements in devices for securing doors and the like, and has for its object to provide convenient means therefor.

My invention is illustrated in the accompanying drawings, wherein—

Figure 1 is a plan view of the device with the top of the casing removed. Fig. 2 is a cross-section on the line Y Y. Fig. 3 is a similar cross-section of a modification. Fig. 4 is a detail cross-section on the line X X.

Like parts are indicated by the same letter in all the figures.

A is, for example, a door; B, the door-post; C, a staple rigidly secured to the post, and D a similar staple secured to the door and also passing through the eye in the end of the hasp E. On the hasp is secured the casing F, slotted at G to permit the passage of the handle H therethrough.

J is a bolt, in such case having the handle H secured thereto and having an end piece K projecting therefrom.

L L is a series of tumblers, pivoted at M and downwardly forced by the spring N, and adapted to engage the shoulders O P or to pass into the slot R in the bolt J.

S is a key provided with suitable projections. These tumblers are shaped and adapted to be operated by the key, so as, when the suitable key is inserted, to be raised to a position in which, upon retraction of the bolt J, they will pass into the slot R, and thus permit the bolt to be withdrawn from the staple C and the door to be freed from the post. In this position the parts will remain until the bolt J is forced forward by operating the handle H and the end piece K again inserted beneath the staple C to lock the door.

In the modification the tumblers and key are dispensed with and a spiral spring T is inserted, and the bolt J is provided with the

lug U and the case with the lug V, whereby the spring is held in position.

The use and operation of my invention are as follows: The hasp-lock shown in Figs. 1, 2, and 4 is suitable for many uses; but its use can be illustrated by its application to an ordinary door, as of a barn. No padlock is requisite, and it is only necessary, when it is desired to lock the door, to bring the parts into position and push the bolt J forward until the tumblers are thrown against the shoulder P. Thus no key is required in locking the door. When it is necessary to unlock the door, the proper key is inserted (and turned) until the tumblers are properly in position, when the bolt is withdrawn by the other hand. When the hasp is used simply as a bolt and not as a lock, the modification shown in Fig. 3 is sufficient, as the bolt is always normally extended. To put it in operation, the bolt is retracted, the parts put in position, and then freed, whereupon the spring will force the bolt through the staple.

It will be readily seen that the device may be greatly altered without departing from the spirit of my invention, as the particular form of the parts—tumblers, key, &c.—does not appear to be material.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is as follows:

The combination of a hasp E, with a case F thereon, a bolt J in such case having a slot R, and shoulders O P on both sides of the slot on one end thereof, and a series of pivoted tumblers L L L, shaped as shown, and springs N N to actuate them, adapted, when suitably affected by the key, to free the bolt from the tumblers, which otherwise engage one or the other of the shoulders, a slot G in the case, a handle H on the bolt and projecting through the slot, and a key-hole in said case, and the staples C and D, all substantially as shown, and for the purpose described.

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Witnesses:

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