May 19, 1925. 1,538,708

A. LANGE

HASP LOCK

Filed April 11, 1924

Fig. 1.

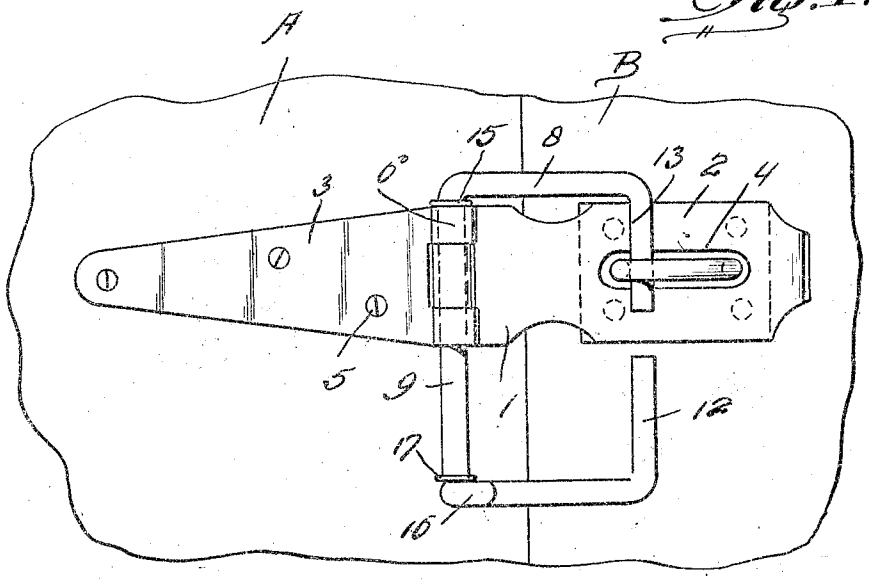
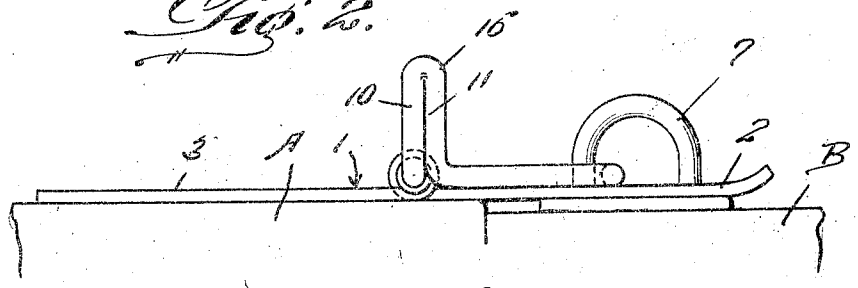


Fig. 2.



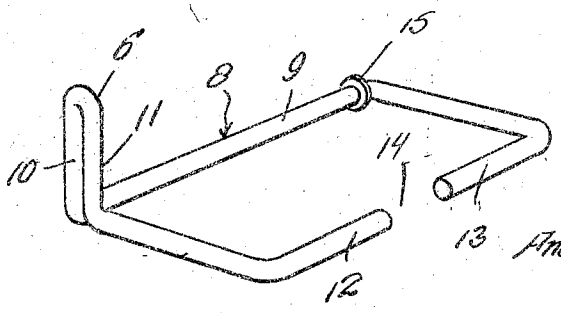


Fig. 3.

Andrew Lange,
Inventor

By Clarence A. O'Brien
Attorney

Patented May 19, 1925. 1,538,708

UNITED STATES PATENT OFFICE.

ANDREW LANGE, OF BRADDOCK, PENNSYLVANIA.

HASP LOCK.

Application filed April 11, 1924. Serial No. 705,908.

To all whom it may concern:

Be it known that I, ANDREW LANGE, a citizen of the United States, residing at Braddock, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in a Hasp Lock, of which the following is a specification.

This invention relates to new and useful improvements in hasp-locks and has for its principal object to provide a means whereby a temporary lock is associated with the hasp and staple.

A further object of the invention is to provide a hasp-lock of the above mentioned character, wherein the temporary lock associated with the hasp and staple is adapted for pivotal and slidable movement on the hasp.

A still further object of the invention is to provide a device of the above mentioned character, wherein the locking means forms a hinge connection for the sections comprising the hasp, the locking means being adapted for engagement with the staple associated with the hasp.

A further object of the invention is to provide a device of the above mentioned character, which is simple in construction, inexpensive, strong and durable and furthermore adapted for the purposes for which it is designated.

Other objects and advantages of this invention will become apparent during the course of the following description.

In the accompanying drawing forming a part of this specification and in which like numerals designate like parts throughout the same:

Figure 1 is a front elevation of my improved hasp-lock showing the same in a locked position.

Figure 2 is a side elevation thereof, and

Figure 3 is a detail perspective view of the temporary locking means.

In the drawing wherein for the purpose of illustration is shown the preferred embodiment of my invention, the numeral 1 designated generally the hasp, and the same comprises the front and rear portions 2 and 3 respectively. The front portion 2 is provided with an elongated slot 4 therein, the purpose of which will be presently described. The rear portion 3 forms a means for securing the hasp to the door A and any suitable fastening means such as is shown at 5 in the drawing is provided for holding the rear portion 3 in a supported position on the door. The adjacent ends of the front and rear portions are provided with interfitting eye portions such as shown at 6 and the purpose of this construction will hereinafter be more fully described.

Secured to the frame B in the door A in any suitable manner is the staple 7 and the same is adapted to extend through the elongated slot 4 provided in the forward end of the front portion 2 in the manners clearly illustrated in Figures 1 and 2 of the drawing. As the staple 7 is of the well known construction, a further detailed description of the same is not thought necessary for the purposes of carrying out the objects of the present invention. The locking means which is associated with the hasp and staple comprises a substantially C-shaped member designated generally by the numeral 8 and the same is preferably formed of wire.

The arm 9 of the C-shaped locking member 8 is adapted to extend through the interfitting eyes 6 formed on the adjacent ends of the front and rear portions respectively of the hasp 1 and thereby provides a hinged connection for the forward portion 2 on the rear portion 3. The arm 9 acts as a pintle for holding the front portion of the hasp in proper position with respect to the rear portion and permits the front portion of the hasp to swing into and out of engagement with the staple. The lower end of the arm 9 is disposed outwardly as shown at 10 and thence inwardly as illustrated at 11 to provide what I term as a handle for actuating the locking member and the inner end of the inwardly extending portion 11 is disposed at right angles thereto and terminates into the upwardly extending portion or lower free end 12 of the C-shaped locking member 8. The upper free end portion 13 terminates at a point spaced from the termination of the lower free end and thereby provides means 14 through which is adapted to extend the staple 7 so as to permit either of the end portions of the C-shaped member to be received within the staple.

Ordinarily with the hasp-locks now in use, it frequently happens that the padlock usually employed for securing the hasp to the staple becomes lost and for the purpose of providing a temporary lock, a stick or rod is bent around the staple over the hasp

to prevent the opening thereof. By providing a locking means of the above mentioned character, and as further disclosed in the drawing, the use of sticks or pieces of wire as a temporary locking means is eliminated and furthermore the temporary lock comprising this invention may also be used in connection with the usual padlock, the temporary lock in no way interfering with the padlock.

The arm 9 of the C-shaped locking member forms a pintle for hingedly securing the front portion to the rear portion of the hasp and furthermore provides a means for permitting the slidable movement of the locking member through the interfitting eyes 6 so as to enable the upper or lower free ends of the lock to be brought into or out of engagement with the hasp 7. With the parts arranged as shown in Figure 1 of the drawing, the free end 13 of the lock 8 is disposed within the staple 7 and thereby provides a temporary lock for the hasp. A collar such as is shown at 15 is formed or provided in any suitable manner on the upper end of the arm 9 and will normally rest on the upper portion of the forward end of the rear portion 3. When it is desired to disengage the lock from engagement with the staple 7, the lock is released by lifting upwardly on the lock by means of the handle formed on the lower end of the arm 9 and designated by the numeral 16. The handle is raised so that the arm 9 will move upwardly through the interfitting eyes and simultaneously disengaging the upper free end of the C-shaped lock from engagement with the staple 7, so that the staple 7 will be in alignment with the opening or space 14 formed between the respective ends of the lock. By swinging the lock outwardly, the front portion 2 may then be disengaged from the staple so as to permit the opening of the door A in the usual manner. A collar 17 similar to the collar 15 is supported on the lower end of the arm 9 to limit the upward movement of the arm with respect to the interfitting eye formed on the adjacent ends of the front and rear portions of the hasp.

It will thus be seen from the foregoing description, that a temporary locking connection with a hasp has been provided whereby the hasp may be locked in engagement with the staple associated therewith and the simplicity of my device enables the same to be easily and quickly actuated. A device of this character may be manufactured at a very low cost, the parts will be further strong and durable and will not in any way interfere with the padlock which is usually employed for securing the hasp to the staple.

While I have shown the preferred embodiment of my invention, it is to be understood that various changes in the size, shape and arrangement of parts may be resorted to without departing from the spirit of the invention and the scope of the appended claims.

Having thus described my invention, what I claim is:—

1. A fastening of the class described comprising a hasp, including front and rear portions, the rear portion being adapted to be secured to a door, the front portion having a lock formed therein for detachable engagement with a staple secured to the frame for said door, and a lock forming a hinge connection for the front and rear portions of said hasp and adapted for engagement with said staple.

2. A fastening of the class described comprising a hasp, including front and rear portions, the rear portion being adapted to be secured to a door, the front portion having a lock formed therein for detachable engagement with a staple secured to the frame for said door, a lock forming a hinge connection for the front and rear portions of said hasp and adapted for engagement with said staple, said lock comprising a substantially C-shaped member and means formed on said C-shaped member providing a handle for actuating the same.

3. A fastening of the class described comprising a hasp, including front and rear portions, the rear portion being adapted to be secured to a door, the front portion having a slot formed therein for detachable engagement with a staple secured to the frame for said door, a substantially C-shaped lock associated therewith, the arm of said C-shaped lock forming a hinge connection for the adjacent ends of the front and rear portions of the hasp, the upper and lower free ends of the C-shaped lock being adapted for engagement with said staple, and a handle formed on said C-shaped member for actuating the same.

4. A fastening of the class described comprising a hasp, including front and rear portions, the rear portion being adapted to be secured to a door, the adjacent ends of said portion having interfitting eye portions, said front portion having a slot provided therein for detachable engagement with a staple secured to the frame for said door, and a lock extending through the interfitting eye portions of said front and rear portions of the hasp forming a hinge connection therefor, said lock adapted for slidable engagement with said staple, and means associated with said lock for actuating the same.

In testimony whereof I affix my signature.

ANDREW LANGE.