

No. 696,620.

Patented Apr. 1, 1902.

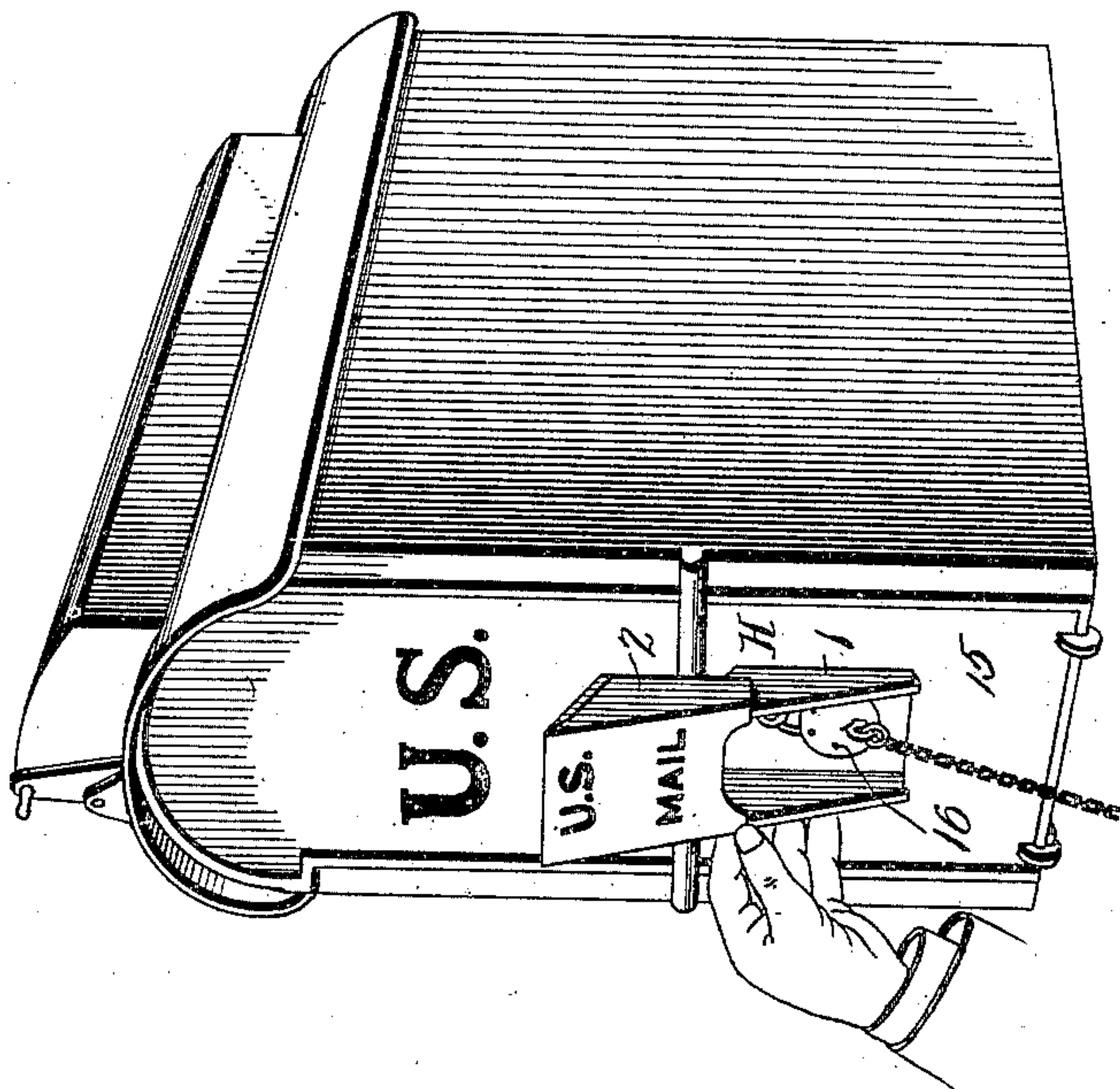
T. H. YOUNG.  
STORM HOOD ATTACHMENT FOR LOCKS.

(Application filed June 27, 1901.)

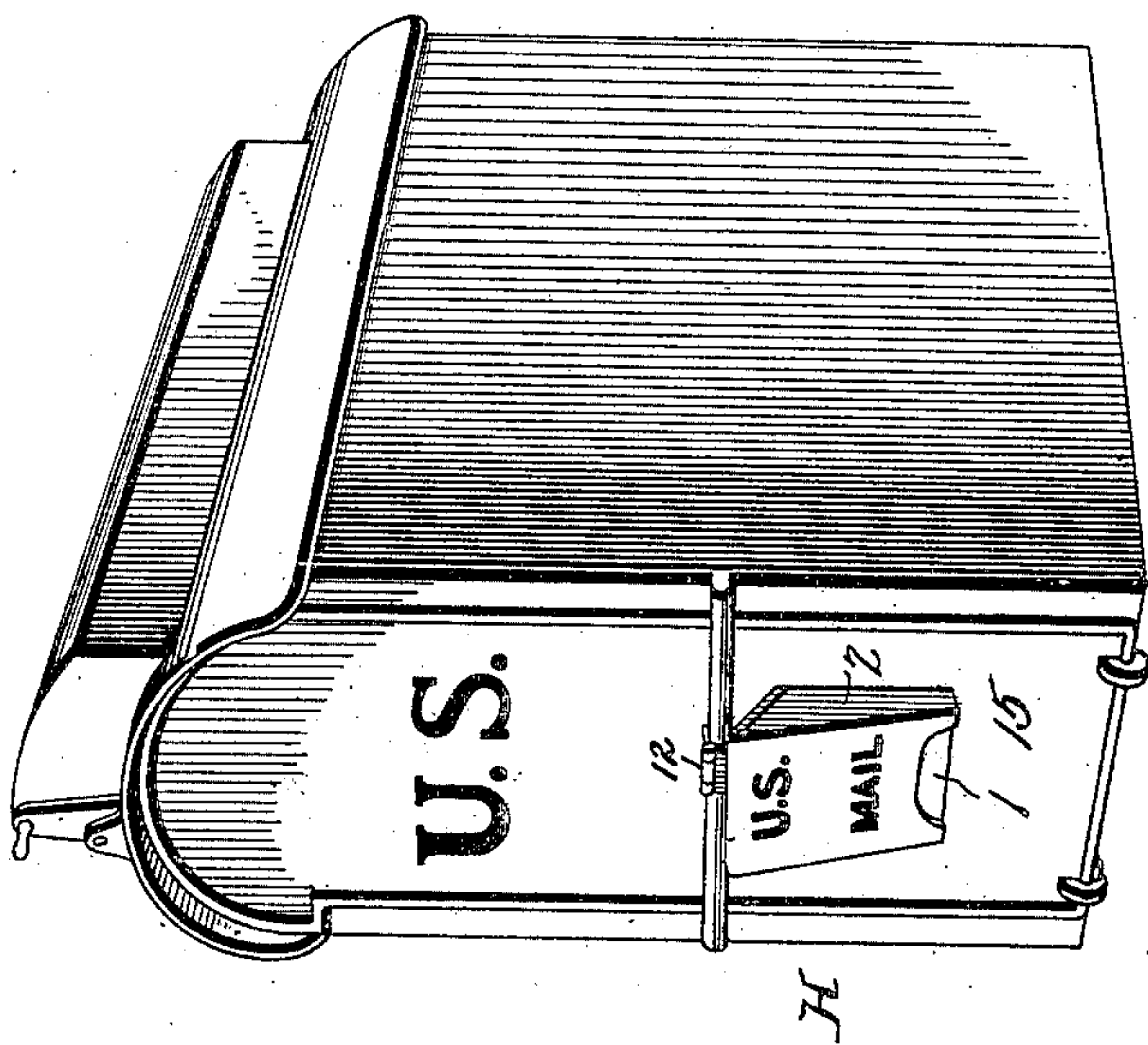
(No Model.)

2 Sheets—Sheet 1.

*Fig. 2.*



*Fig. 1.*



Witnesses  
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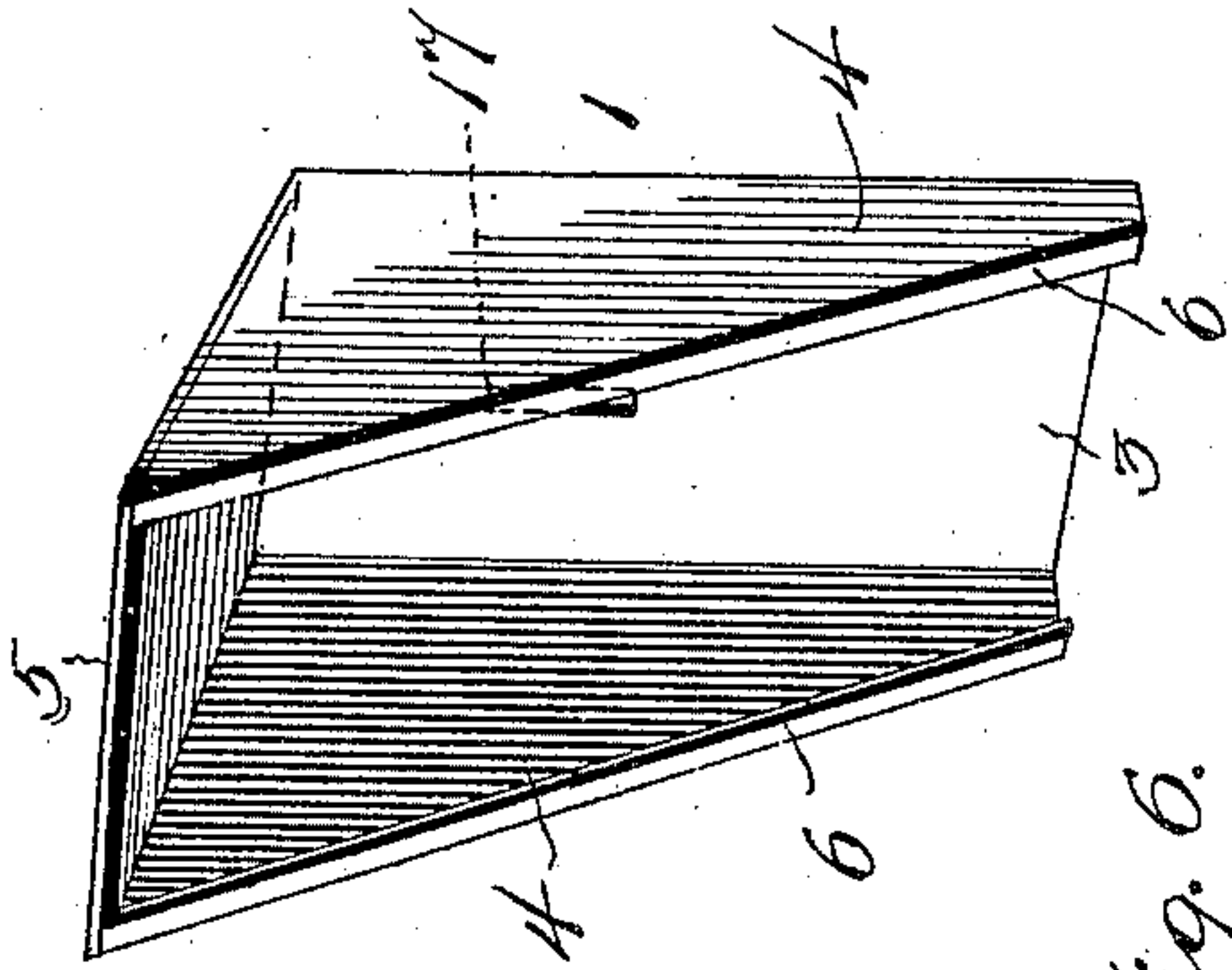


Fig. 5.

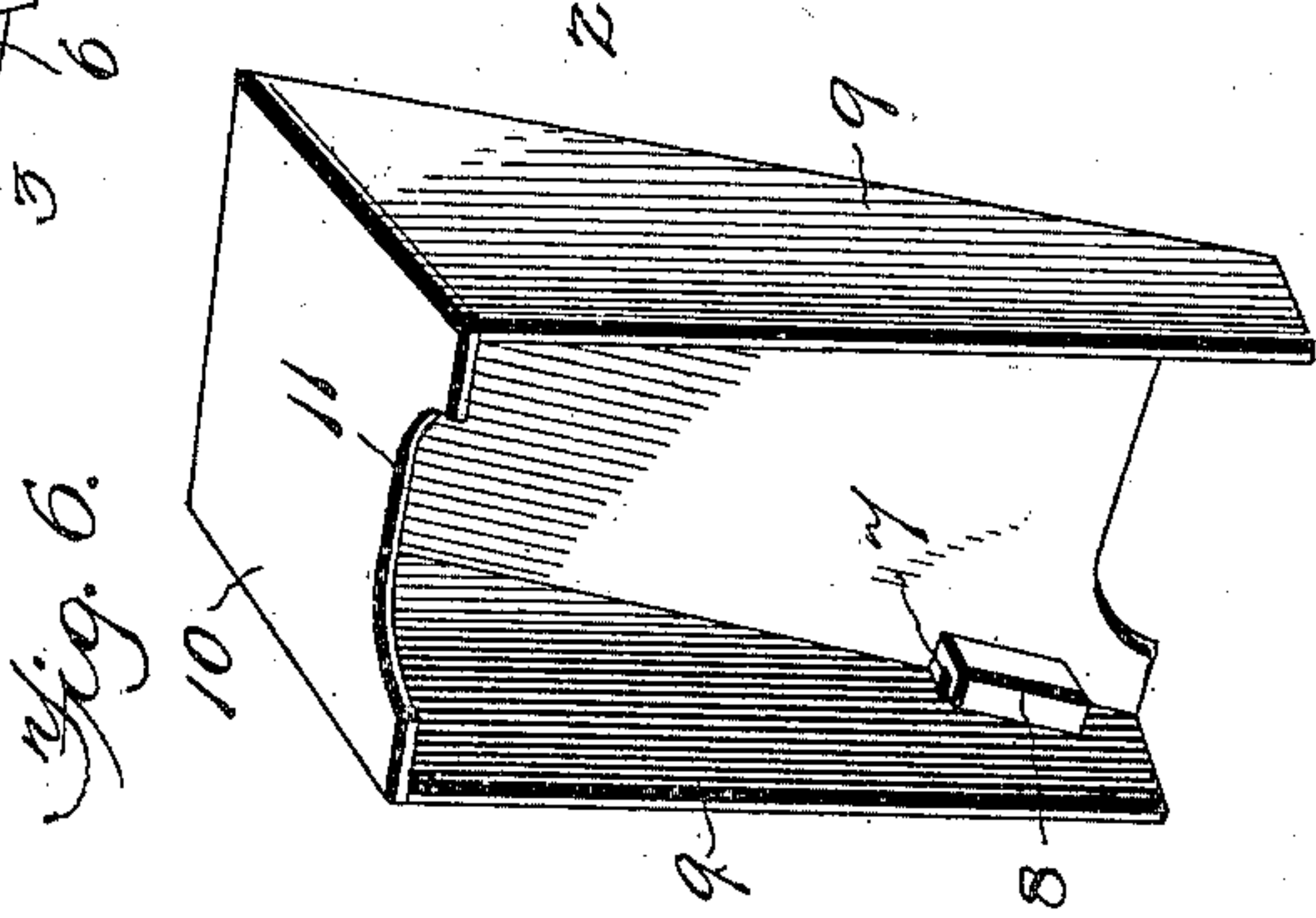


Fig. 6.

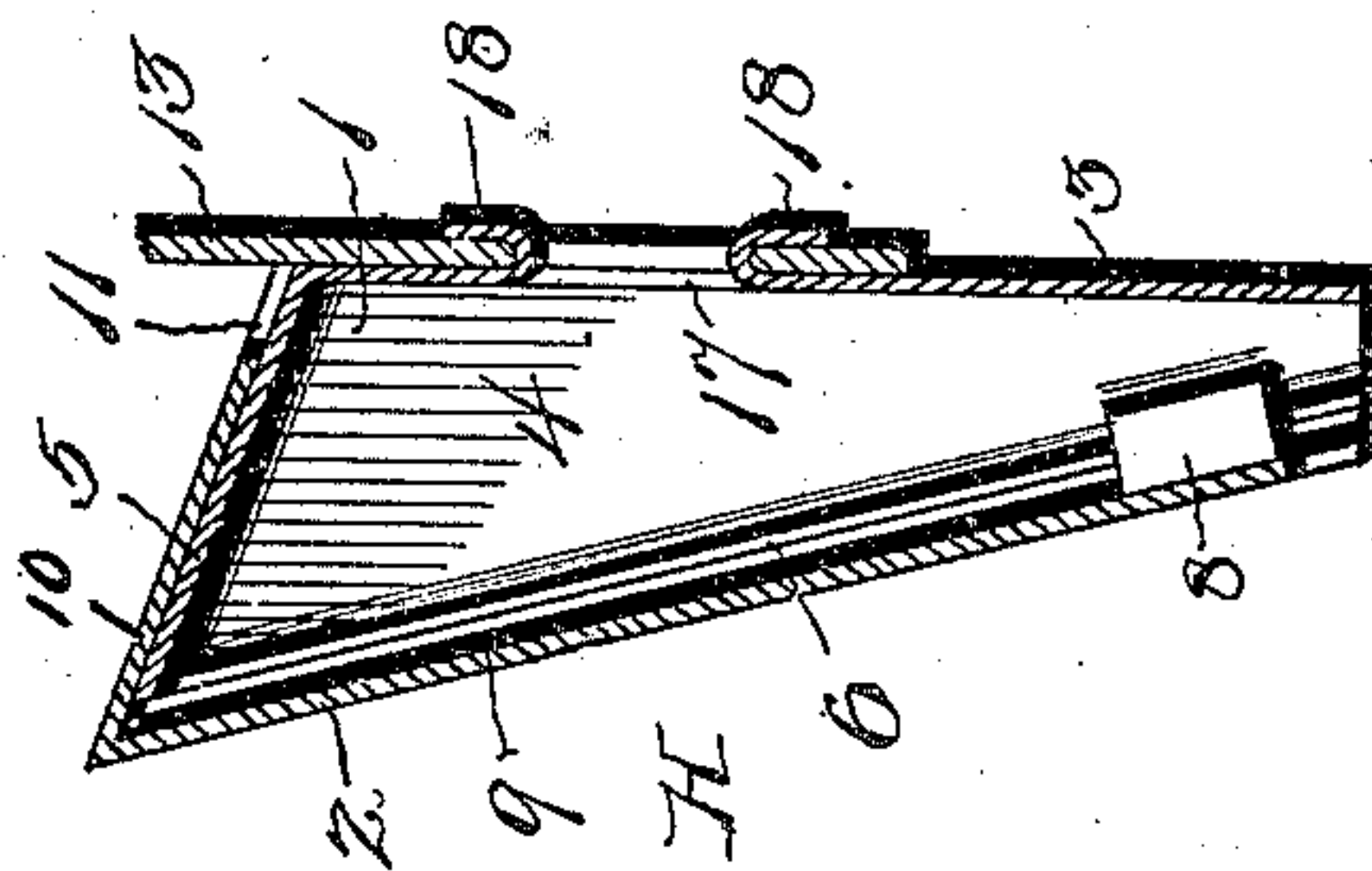


Fig. 4.

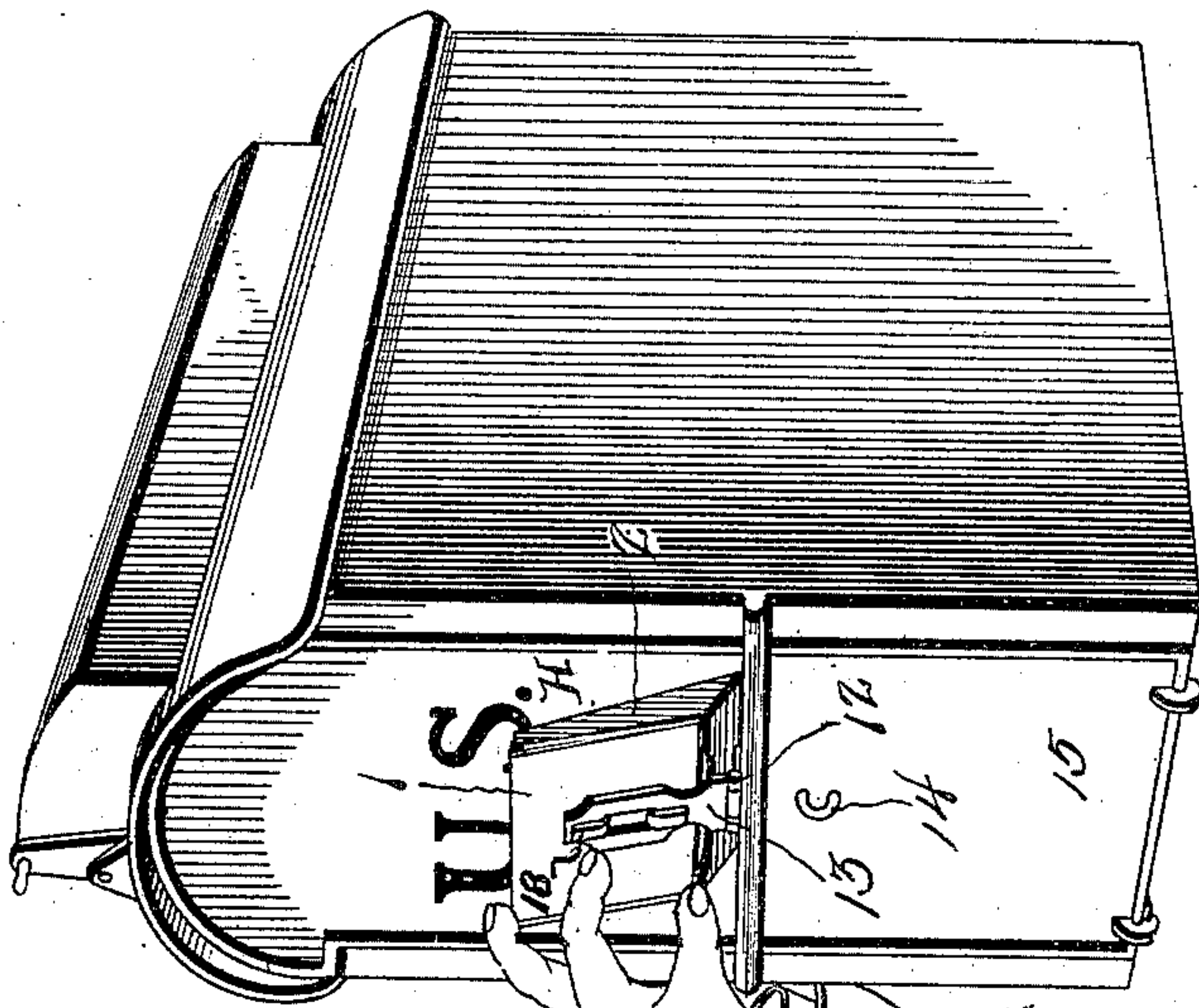


Fig. 3.

W. Knepper  
7 x No. 1000  
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# UNITED STATES PATENT OFFICE.

THOMAS H. YOUNG, OF LINCOLN, ILLINOIS.

## STORM-HOOD ATTACHMENT FOR LOCKS.

SPECIFICATION forming part of Letters Patent No. 696,620, dated April 1, 1902.

Application filed June 27, 1901. Serial No. 66,314. (No model.)

*To all whom it may concern:*

Be it known that I, THOMAS H. YOUNG, a citizen of the United States, residing at Lincoln, in the county of Logan and State of Illinois, have invented certain new and useful Improvements in Storm-Hood Attachments for Locks, of which the following is a specification.

This invention relates to protective housings for locks, particularly of the hasp-and-padlock type, and has special reference to an improved storm-hood comprising simple and effective means for thoroughly protecting a lock from exposure to weather conditions, while at the same time permitting of convenient and ready access thereto.

To this end the invention contemplates a protective storm-hood for locks possessing special utility as an attachment for the hasp-and-padlock fastening of the street mail-boxes now in use and so constructed as to effectually shield the padlock from exposure and at the same time permitting the mail-collector to gain immediate access to the lock for the purpose of unfastening the same. Although of special utility in this connection, the storm-hood is of such a construction as to adapt it for general application to the hasp type of locks, as well as to be used practically as the hasp itself, as will hereinafter more fully appear.

With these and many other objects in view, which will more readily appear as the nature of the invention is better understood, the same consists in the novel construction, combination, and arrangement of parts, as hereinafter more fully described, illustrated, and claimed.

The essential features of the invention involved in the novel relation of the complementary base and cover sections of the hood and the adaptability of the latter for direct attachment to the hasp or to be used as the hasp itself are necessarily susceptible to a variety of modifications without departing from the spirit or scope of the invention; but a preferred embodiment of the device is shown in the drawings, in which—

Figure 1 is a perspective view of a street mail-box having the hasp-lock thereto equipped with a storm-hood attachment constructed in accordance with the present in-

vention. Fig. 2 is a similar view showing the outer or cover section of the hood raised to expose the padlock for unlocking. Fig. 3 is a similar view showing the entire hood attachment and hasp swung up from the staple on the door of the box. Fig. 4 is a longitudinal sectional view of the complete attachment and the hasp to which it is fitted in its preferred application. Fig. 5 is a detail in perspective of the base-section of the hood. Fig. 6 is a similar view of the slidable outer or cover section of the hood.

Like characters of reference designate corresponding parts in the several figures of the drawings.

In carrying out the invention the hood is so constructed as to be capable of direct attachment to the swinging hasp of the lock or to be used as the hasp itself; but for illustrative purposes the same is shown in the drawings as applied to the hasp and carried therewith.

Referring particularly to the drawings, the letter H designates the protective storm-hood as an entirety, and said hood essentially consists of complementary base and cover sections 1 and 2, respectively, which when assembled constitute a complete housing for inclosing therein the padlock or other form of lock, while at the same time permitting of ready access thereto both in the locking and unlocking operations.

While the complementary base and cover sections 1 and 2 of the hood may necessarily be changed in their structural formation without departing from the spirit of the invention, still a preferred and practical construction is shown in the drawings, and the base-section 1, which is, in effect, the back of the hood, is illustrated in the form of an open casing consisting of a back plate 3, the inclosing side walls 4, and a top wall 5. The side walls 4 and the top wall 5 are in the form of flanges extending outwardly from the side and top edges of the back plate 3 and, as shown, the side walls 4 preferably taper in width toward the lower end of the base-section and are provided at their outer edges with the inturned guiding-flanges 6, which loosely interlock with the guide-grooves 7, formed in the slide lugs or blocks 8, fitted within the slidable cover-section 2 at opposite points, thus effecting a slidable inter-



locking connection between the cover and the base-section, which permits the cover-section to be raised and lowered to respectively uncover and cover the padlock. The  
 5 said slidable cover-section 2 is also preferably of a flanged formation and hangs over the open side of the base-section 1. The said cover-section 2 is provided with side flanges 9, overlapping the side walls 4 of the base-  
 10 section, and with a top flange 10, adapted to drop upon the top wall 5 of the base-section 1, and thus provide a double protective top for the hood when in its closed condition. The said top flange 10 of the cover-section 2  
 15 is provided at its inner edge with a clearance-notch 11, designed for clearance from the hinge 12 of the hasp 13 when the hood attachment is fitted directly to said hasp, as shown in the drawings. In street mail-boxes  
 20 the hasp 13 coöperates with the staple 14 on the door 15 of the mail-box M, said staple being designed to extend through the eye of the hasp and receive the usual padlock 16.

Any suitable means may be employed to  
 25 effect a direct attachment of the hood to the hasp; but a simple construction is shown in the drawings, and consists in providing the back plate of the base-section with a slot 17, adapted to register with the eye of the hasp,  
 30 and at the ends of the slots with reversely-disposed holding-tongues 18, adapted to be bent through the eye of the hasp at the ends thereof and thus effect a simple and positive connection between the hood and the hasp,  
 35 so that the two will swing together practically as a single hasp. With the hasp engaged over the staple 14 the padlock 16, when secured upon the staple, will lie inside of the base-section 1, so that when the cover 2 is  
 40 dropped the latter will entirely incase the padlock and thus protect it from exposure to weather conditions. By simply sliding the cover upward the padlock is exposed for unlocking, and after removal of the padlock the  
 45 hasp and hood attachment thereon can be readily swung up out of the way. In raising the cover-section the inclination of the guiding-flanges 6 throws the same outward to a position for fully uncovering the padlock,  
 50 while at the same time permitting a ready clearance of the top flange 10 from the top wall of the base-section on account of the preferable inclination of these parts, so as to

provide a shedding of water from the top of the hood. 55

It is obvious that in the construction shown the hood really constitutes a hasp in itself, and by omitting the regular hasp and hinging the base-section of the hood in a manner corresponding to the hasp the hood will necessarily perform all the functions of the hasp. 60

From the foregoing it is thought that the construction, operation, and many advantages of the herein-described storm-hood attachment will be readily apparent without 65 further description, and it is to be understood that various changes in the form, proportion, and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention. 70

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

1. A storm-hood for locks comprising a base-section, and a complementary cover-section 75 having a slidable interlocking connection with the base-section and movable independently thereof.

2. A storm-hood for locks comprising a box- 80 like base-section, and a complementary cover-section slidably supported upon the base-section and arranged to resume a closed position by gravitation.

3. In a storm-hood for locks, the combination with the lock-hasp, of a base-section 85 having reversely-disposed holding-tongues engaging within the eye of the hasp at opposite points, and a slidable cover-section mounted upon the base-section. 90

4. In a storm-hood for locks, the same comprising a base-section having a staple-receiving eye and inclosing side walls provided with guiding-flanges, and a cover-section arranged 95 over the open side of the base-section and having a top flange and side flanges overlapping the corresponding parts of the base-section, said cover-section also having interior-grooved slide-lugs engaging the guiding-flanges of the base-section. 100

In testimony whereof I affix my signature in presence of two witnesses.

THOMAS H. YOUNG.

Witnesses:

S. L. WALLACE,  
J. W. WEAR.