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 invention. 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 similar 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 enclosing 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 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 turned 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 in-
locking connection between the cover and
the base-section, which permits the cover-
section to be raised and lowered to respec-
tively uncover and cover the padlock. The
said slidable cover-section 2 is also prefer-
ably 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-
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
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 at-
tachment is fitted directly to said hasp, as
shown in the drawings. In street mail-boxes
the hasp 13 cooperates with the staple 14 on
the door 15 of the mail-box M, said staple be-
ing designed to extend through the eye of
the hasp and receive the usual padlock 16.
Any suitable means may be employed to
effect a direct attachment of the hood to the
hassp; 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,
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,
so that the two will swing together practi-
cally as a single hasp. With the hasp engaged
over the staple 14 the padlock 16, when se-
cured upon the staple, will lie inside of the
base-section 1, so that when the cover 2 is
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 un-
locking, and after removal of the padlock the
hasp and hood attachment thereon can be
readily swung up out of the way. In raising the
cover-section the inclination of the guid-
ing-flanges 6 throws the same outward to a
position for fully uncovering the padlock,
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.

It is obvious that in the construction shown
the hood really constitutes a hasp in itself,
and by omitting the regular hasp and hing-
ing the base-section of the hood in a manner
conversely corresponding to the hasp the hood will nec-
essarily perform all the functions of the hasp.
From the foregoing it is thought that the
construction, operation, and many advan-
tages of the herein-described storm-hood at-
tachment will be readily apparent without
further description, and it is to be under-
stood that various changes in the form, pro-
portion, and minor details of construction
may be resorted to without departing from
the spirit or sacrificing any of the advan-
tages of the invention.

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
having a slidable interlocking connection with
the base-section and movable independently
thereof.

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

3. In a storm-hood for locks, the combina-
tion with the lock-hasp, of a base-section hav-
ing reversely-disposed holding-tongues en-
gaging within the eye of the hasp at opposite
points, and a slidable cover-section mounted
upon the base-section.

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

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

THOMAS II. YOUNG.

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