

No. 836,968.

PATENTED NOV. 27, 1906.

A. B. HACKMAN.  
HASP FASTENER.

APPLICATION FILED JUNE 11, 1906.

*Fig. 1.*

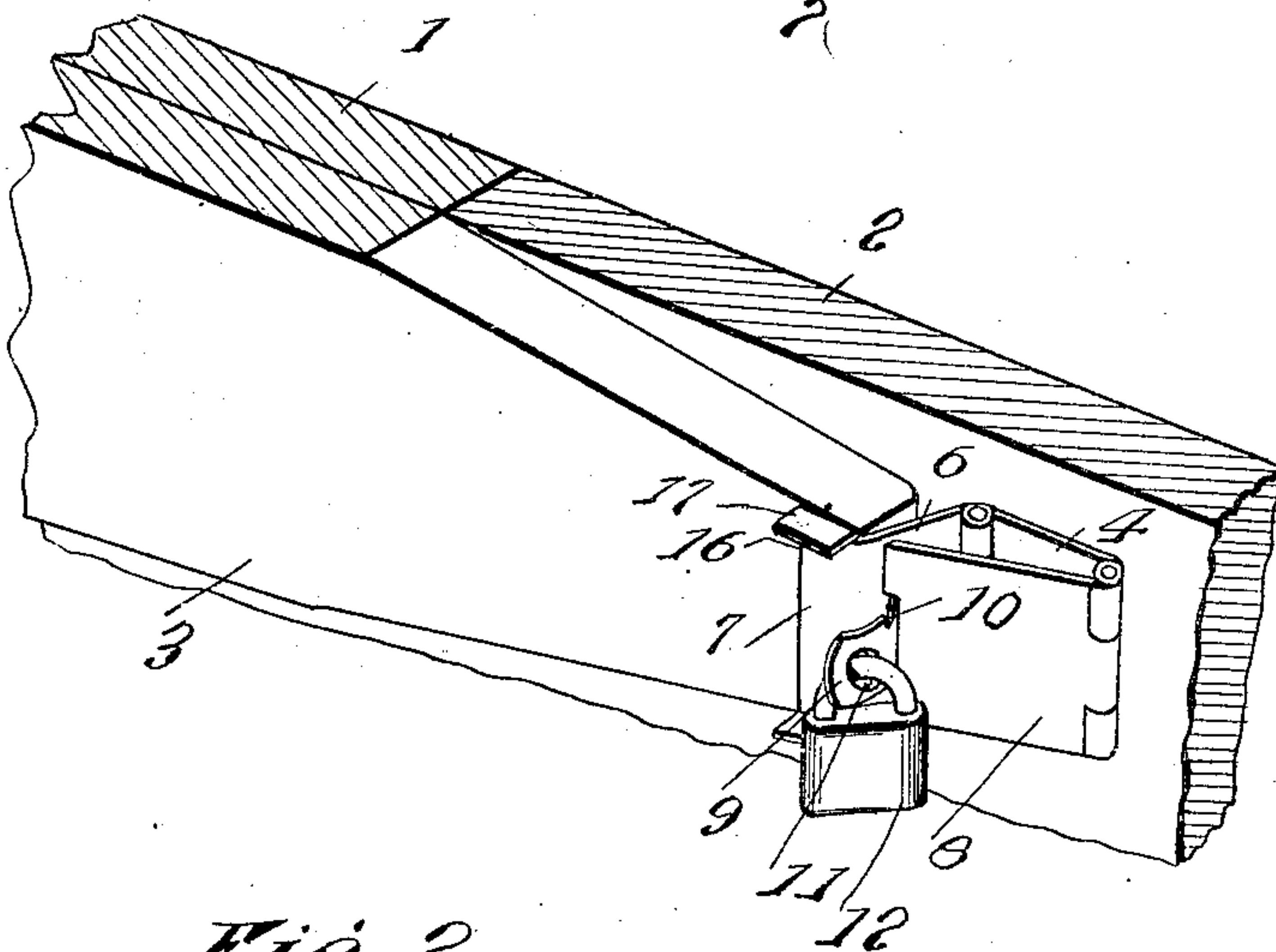
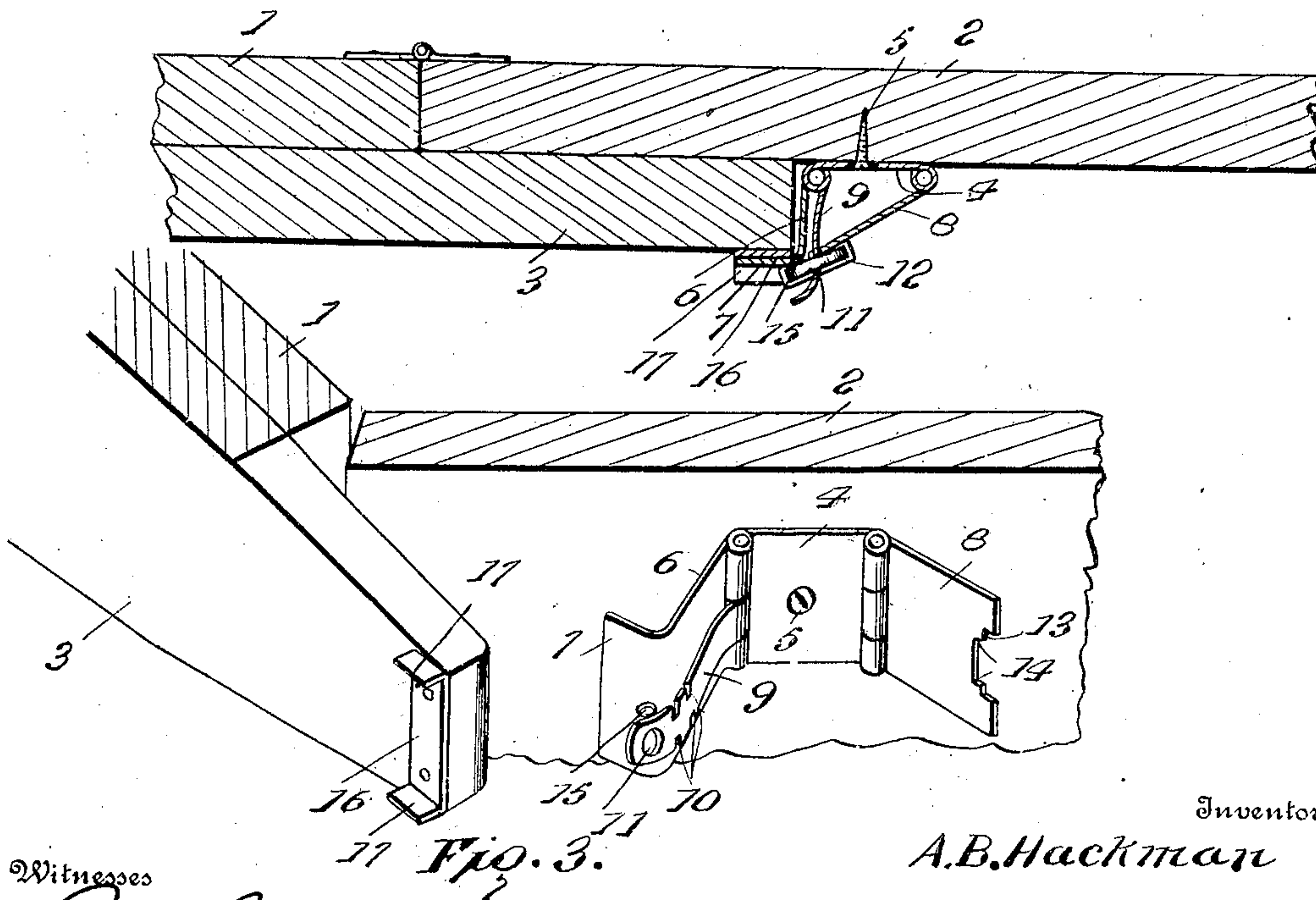


Fig. 2.



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# UNITED STATES PATENT OFFICE.

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## HASP-FASTENER.

No. 836,968.

Specification of Letters Patent.

Patented Nov. 27, 1906.

Application filed June 11, 1906. Serial No. 321,283.

*To all whom it may concern:*

Be it known that I, AARON B. HACKMAN, a citizen of the United States, residing at Sterling, in the county of Whiteside and State of Illinois, have invented certain new and useful Improvements in Hasp-Fasteners, of which the following is a specification.

The present invention relates to an improved locking device which is especially designed for use in connection with swinging closures, the object being to provide a locking device of this character which can be used either as a spring-catch or when a padlock is applied thereto to prevent tampering by unauthorized parties.

A further object is to so design the lock that it will comprise few and simple parts, which can be readily stamped from sheet material and which will therefore enable the lock to be manufactured at a comparatively small cost.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and accompanying drawings, in which—

Figure 1 is a perspective view showing the invention applied to an end-gate, portions of the end-gate being broken away. Fig. 2 is a longitudinal sectional view showing the device in a locked position, and Fig. 3 is a perspective view showing the locking device in an open position.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

While the invention is shown as employed in connection with an end-gate, it must be understood that with slight modifications easily within the realm of the skilled mechanic it might be employed in any capacity where it is desired to hold two swinging members together. The end-gate shown comprises two hinged sections 1 and 2, section 1 being provided with the extension 3, which normally fits against the section 2. The base of the locking device is in the nature of a plate 4, which is shown as secured to the section 2 of the end-gate by means of the fastening member 5. A leaf 6 is hinged to one edge of the plate 4 and has a hooked formation which enables it to engage with

the extension 3 in such a manner as to hold the same securely against the section 2 of the end-gate. In the present instance the hooked formation is provided by a laterally-extending flange 7, located at the end of the leaf 6 and adapted to project over the extension 3. A locking member 8 is hinged to the opposite edge of the plate 4 and is adapted to be swung around into engagement with the leaf 6 in such a manner as to prevent the leaf from being folded back upon the plate 4. In order to hold the locking member 8 in this position, a spring-tongue 9 is provided, which also has a hinged connection with the plate 4 and is preferably made integral with the leaf 6, the said tongue normally extending along the leaf and being spaced therefrom. At intervals along the sides of the spring-tongue 9 corresponding notches 10 are formed, and toward the end of the spring-tongue there is located an opening 11 for engagement with any conventional type of padlock, such as indicated at 12. The swinging end of the locking-plate 8 is formed with a double bifurcation, the outer bifurcated portion 13 being adapted to embrace the tongue 9 and bear against the leaf 6, while the inner bifurcated portion 14 is adapted to engage with the notches 10 in the tongue 9, so as to hold the locking-plate normally against the leaf 6.

When it is desired to fold the leaf 6 back against the plate 4, so as to disengage the flange 7 from the extension 3, the spring-tongue 9 is first pressed inwardly against the leaf 6 until the notches 10 are drawn out of engagement with the inner bifurcated portion 14 of the locking-plate, and the latter is then swung backwardly away from the leaf 6. The extremity of the spring-tongue 9 is bent inwardly toward the leaf 6, and a notch or depression 15 is preferably formed at the junction of the said leaf and the lateral flange 7. This notch serves to engage with the shackle of the padlock 12 and tends to hold the same against lateral movement. Under some conditions it may be found desirable to secure a plate such as shown at 16 upon the swinging member, the ends of the plate being bent outwardly to form the flanges 17, which fit against the opposite ends of the lateral flange 7 upon the leaf 6 and prevent any lateral movement of the same.

Attention is directed to the fact that when



the locking-plate 8 is in engagement with the spring-tongue 9 the fastening member 5, by means of which the plate 4 is secured in position, is completely covered, so as to prevent the body of the lock from being removed.

Having thus described the invention, what is claimed as new is—

1. A locking device of the character described, comprising a base-plate, a leaf hinged to one side of the base-plate and embodying means for engaging with a swinging member, a locking member hinged to the opposite side of the base-plate and adapted to be swung into engagement with the above-mentioned hinged leaf to hold the same in operative position, and means for holding the locking member in engagement with the leaf.

2. A locking device of the character described comprising a base-plate, a leaf hinged to one side of the base-plate and having a hooked formation, a locking member hinged to the opposite side of the base-plate and adapted to engage with the before-mentioned leaf to hold the same in operative position, and means for holding the locking member in engagement with the leaf.

3. In a device of the character described, the combination of a base-plate, a leaf hinged to the base-plate and having a hooked formation, a spring-tongue having a hinged connection with the base-plate and extending along the leaf, and a locking member hinged to the base-plate and adapted to be swung into engagement with the before-mentioned leaf in order to hold the same in operative position, the said locking member engaging with the spring-tongue and being thereby held in engagement with the leaf.

4. A locking device of the character described comprising a base-plate, a leaf hinged to one side of the base-plate and having a laterally-extending flange at the swinging end thereof, a spring-tongue formed in connection with the leaf and extending outwardly along the same, and a locking member hinged to the base-plate and adapted to be swung into engagement with the leaf in order to prevent the same from being folded against the base-plate, the said locking member engaging with the spring-tongue and thereby

being normally held in engagement with the leaf.

5. A locking device of the character described comprising a base-plate, a leaf hinged to the base-plate and having a hooked formation, a tongue having a hinged connection to the base-plate and extending outwardly along the leaf, the said tongue having an opening therein, a locking member hinged to the base-plate and adapted to be swung into engagement with the leaf to prevent the latter from being folded against the base-plate, and a lock passing through the eye in the tongue and holding the locking member in engagement with the leaf.

6. A locking device of the character described comprising a base-plate, a leaf hinged to the base-plate and having a hooked formation, a tongue having a hinged connection to the base and extending outwardly along the leaf, the said tongue being provided with notches, and a locking-plate hinged to the base-plate and adapted to be swung into engagement with the leaf in order to prevent the same from being folded against the base-plate, the said locking-plate being adapted to engage with the before-mentioned notches in the tongue and be thus held against the leaf.

7. A locking device of the character described comprising a base-plate, a leaf hinged to the base-plate and having a hooked formation, a tongue having a hinged connection with the base-plate and projecting outwardly beyond the leaf, the said tongue being provided upon its opposite sides with notches, and a locking-plate hinged to the base-plate and being provided at its swinging end with a double bifurcation, the outer bifurcated portion being adapted to embrace the tongue and engage with the leaf, while the inner bifurcated portion is adapted to engage with the before-mentioned notches in the tongue, whereby the locking-plate is normally held in engagement with the leaf.

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

AARON B. HACKMAN. [L. s.]

Witnesses:

J. S. MARTIN,

J. F. HESSLING.