

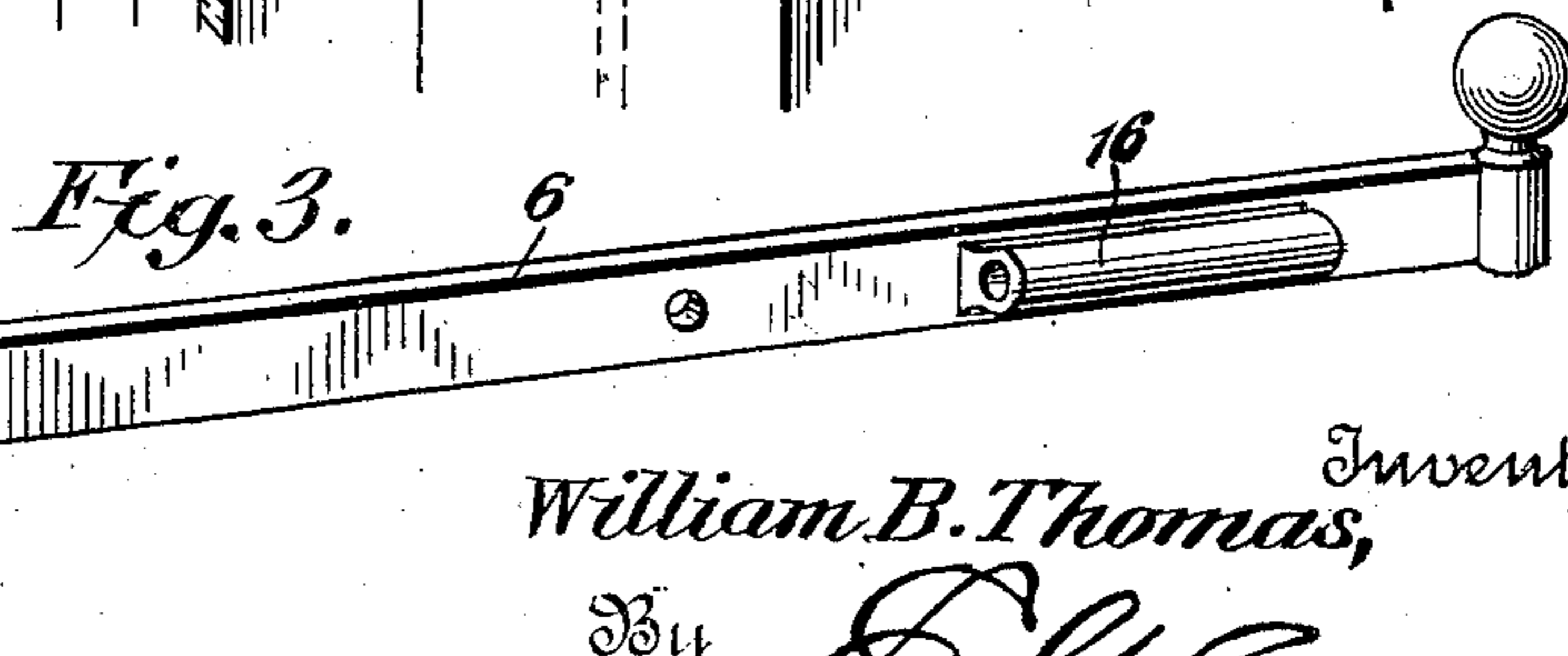
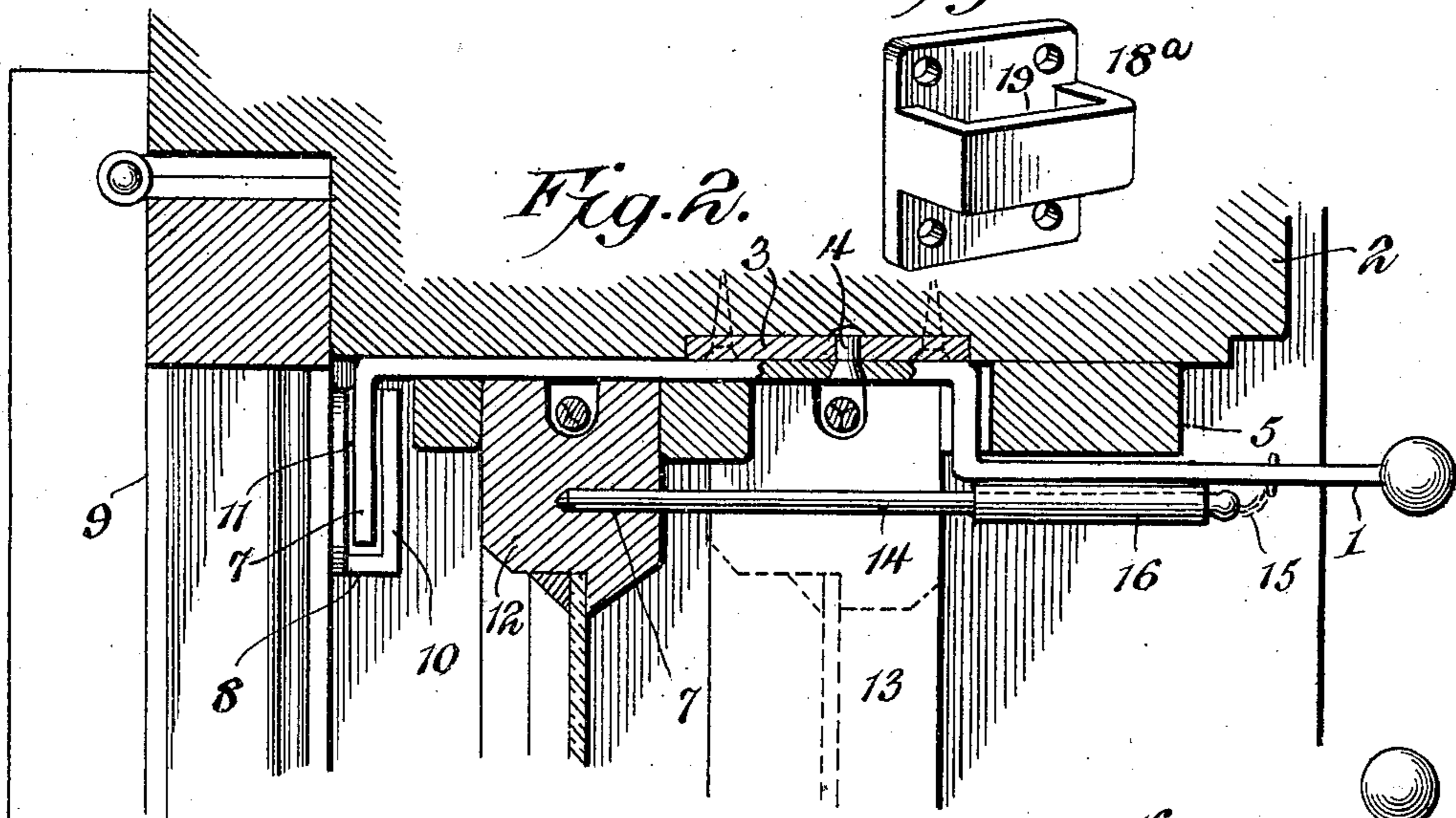
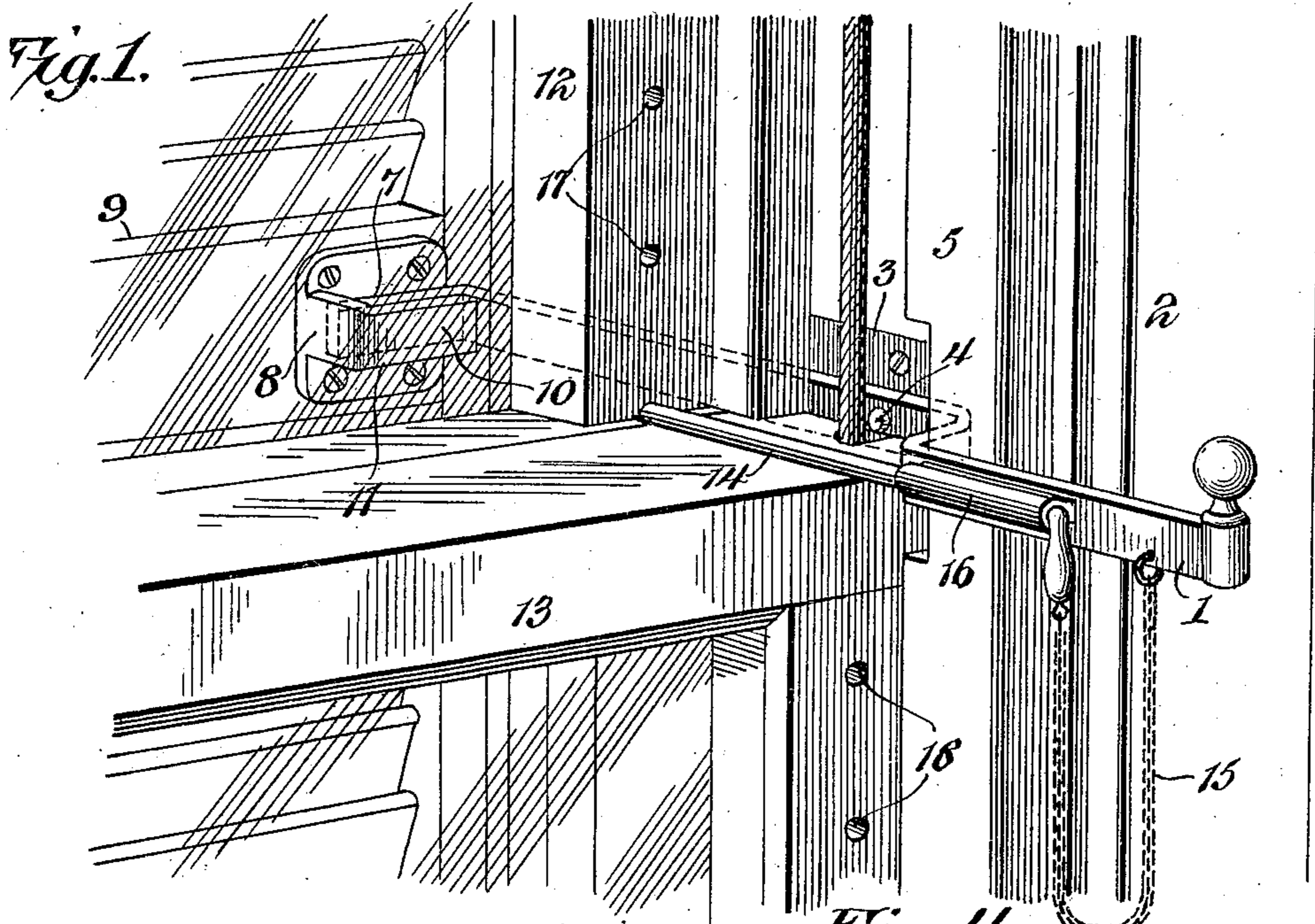
No. 828,349.

PATENTED AUG. 14, 1906.

W. B. THOMAS.  
COMBINED SASH AND SHUTTER LOCK.

APPLICATION FILED MAR. 12, 1906.

2 SHEETS—SHEET 1.



Witnesses  
Howard D. Orr.  
J. J. Riley

William B. Thomas, *Inventor,*  
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Attorney

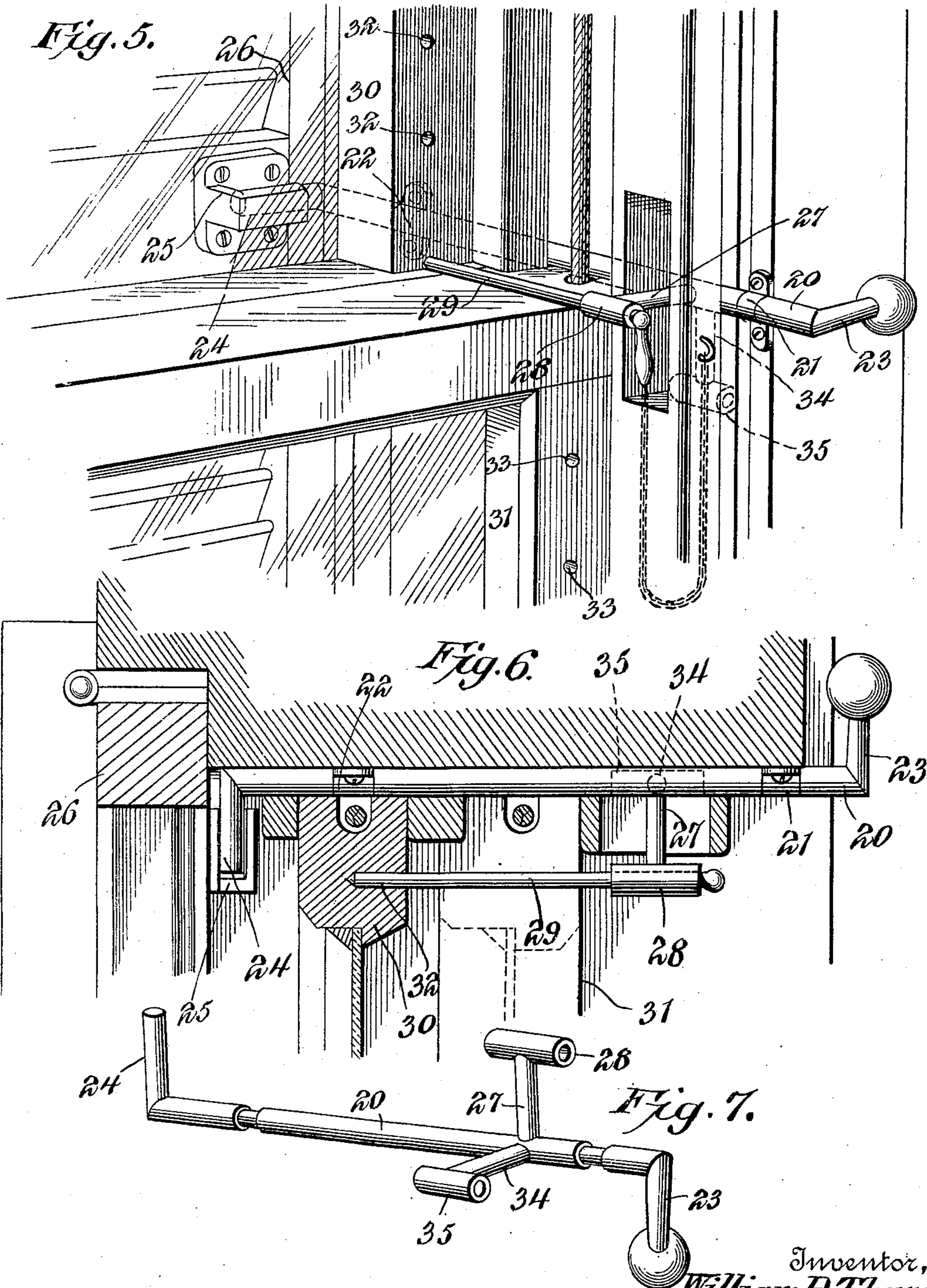
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# UNITED STATES PATENT OFFICE.

WILLIAM BROWNELL THOMAS, OF McRAE, GEORGIA.

## COMBINED SASH AND SHUTTER LOCK.

No. 828,349.

Specification of Letters Patent.

Patented Aug. 14, 1906.

Application filed March 12, 1906. Serial No. 305,648.

*To all whom it may concern:*

Be it known that I, WILLIAM BROWNELL THOMAS, a citizen of the United States, residing at McRae, in the county of Telfair and State of Georgia, have invented a new and useful Combined Sash and Shutter Lock, of which the following is a specification.

The invention relates to a combined sash and shutter lock.

10 The object of the present invention is to provide a combined sash and shutter lock of simple and comparatively inexpensive construction designed particularly for use in warm weather and adapted to lock the shutters or blinds of a window in their closed position and capable of enabling both sashes to be held at any desired adjustment, whereby the necessary ventilation may be obtained without affording an opportunity for burglars or other intruders to enter a house.

20 With these and other objects in view the invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended, it being understood that various changes in the form, proportion, size, and minor details of construction within the scope of the claims may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

30 In the drawings, Figure 1 is a perspective view of a combined sash-lock and shutter-fastener constructed in accordance with this invention and shown applied to one side of a window. Fig. 2 is a horizontal sectional view of the same. Fig. 3 is a detail perspective view of a straight locking-lever having a depending engaging portion. Fig. 4 is a detail perspective view of a keeper for cooperating with the locking-lever shown in Fig. 3. Fig. 5 is a perspective view of a portion of a window, illustrating another form of the invention. Fig. 6 is a horizontal sectional view of the same. Fig. 7 is a perspective view of the shutter-locking member.

45 Like numerals of reference designate corresponding parts in all the figures of the drawings.

50 1 designates a locking-lever arranged in substantially a horizontal position and fulcrumed at an intermediate point on a frame or casing 2 and constituting a shutter or blind locking member. The locking-lever is piv-

oted to a base-plate 3 by a rivet 4 or other suitable fastening device, as clearly illustrated in Fig. 2 of the drawings, and the said base-plate is secured by screws or other suitable fastening devices to the window frame 60 or casing and is seated in a recess thereof. The shutter-locking member may, however, be mounted on the window frame or casing in any other desired manner, as will be readily understood. The inner or operating arm 65 of the locking-lever 1 is angularly bent at the inner side of the pivot to clear the outer bead or strip 5 to avoid marring or otherwise disfiguring the window frame or casing; but, if desired, a straight lever 6 may be employed, as illustrated in Fig. 3 of the drawings. The outer shutter-locking arm of the lever 1 is provided with an angularly-disposed engaging portion 7, which is adapted to interlock with a keeper 8, mounted on the shutter or blind 9, as clearly shown in Figs. 1 and 2 of the drawings. The keeper in the present form of the invention consists of a vertical back or base plate and a substantially L-shaped portion 10, forming a front wall and 80 an end wall, the keeper being located at the opposite ends of the device and at the top, a bottom portion 11 being preferably provided for limiting the downward movement of the outer engaging portion of the lever 1. The 85 inner operating-arm of the lever 1 is adapted to be swung upwardly and downwardly to carry the outer arm into and out of engagement with the keeper, and when the lever is in engagement with the keeper the shutter is 90 securely held in its closed position.

The upper and lower sashes 12 and 13 are locked against movement in either direction by a slidable pin or bolt 14, which is carried by the shutter-locking member or lever 1, 95 and which is preferably connected with the same by a short chain 15. The inner operating-arm of the lever 1 is provided with a guide consisting of a longitudinal opening formed in a tubular portion 16 of the lever 1. 100 The tubular portion constitutes a combined guide and support, and the engaging portion of the pin or bolt 14 is adapted to extend across the top of the lower sash and engage the lower portion of the upper sash to lock 105 the sashes in their closed position, as illustrated in Fig. 1 of the drawings. The upper and lower sashes are provided at intervals with suitable perforations 17 and 18. The perforations 18 extend entirely through the 110

lower sash, and those of the upper sash terminate short of the outer face of the same. Any of the perforations of the sashes may be brought into register to permit the bolt or  
 5 pin to extend through the lower sash and engage the upper sash for holding both sashes in an open position to secure ventilation at both the top and bottom of the window. When the locking pin or bolt 14 is in engage-  
 10 ment with the sashes, it also serves to lock the lever 1 in engagement with the keeper of the sash or blind, so that the shutter or blind and both sashes are securely locked.

The device, which is designed to be employed at either side of a window, is especially advantageous for use in summer or other weather when ventilation is desirable, and it will afford an adjustment of the sashes of a window with perfect safety against in-  
 20 trusion.

The engaging portion 7 of the locking-lever 6, (shown in Fig. 3 of the drawings,) depends from the outer end of the lever and is tapered for engaging a keeper 18<sup>a</sup>, which  
 25 forms a complete eye or socket 19, as clearly shown in Fig. 4. The eye or socket for co-operating with the engaging portion of the shutter-locking lever may be in various forms, and the lever and the eye may be of various  
 30 sizes to adapt the device to the character of the shutter or blind to be fastened. Also the combined guide and support 16 may be shortened without affecting the result.

In Figs. 5 to 7, inclusive, is illustrated a  
 35 modification of the invention in which the shutter-locking member is in the form of a rock-shaft 20. The rock-shaft 20, which is journaled in suitable bearings 21 and 22, is provided at its inner end with an operating-  
 40 arm 23, and it has an outer engaging arm 24, adapted to interlock with a keeper 25 of substantially the same construction as that shown in Figs. 1 and 2 of the drawings. The rock-shaft is adapted to be partially rotated  
 45 to swing its engaging arm 24 into and out of the keeper 25. The keeper 25, which is secured to the shutter or blind 26, has a socket which is open at one end. The rock-shaft is provided at its inner portion with an inter-  
 50 mediate arm 27, which carries a combined guide and support 28 for a locking pin or bolt 29. The combined guide and support 28 is in the form of an elongated eye or tube, and the locking pin or bolt is adapted to lock the  
 55 upper and lower sashes 30 and 31, which are provided with perforations 32 and 33 to receive the pin or bolt 29. The rock-shaft is held in engagement with the blind or shutter by the pin or bolt and is also provided with  
 60 an intermediate arm 34, adapted to be brought into position for supporting the pin or bolt when the arm 24 is out of engagement with the keeper of the shutter. This will enable the sashes to be locked while the  
 65 shutter or blind is open. The arm 34 is con-

structed the same as the arm 27 and is provided with a combined guide and support 35. The movement of the rock-shaft to carry the arm 24 out of engagement with the keeper  
 25 brings the arm 34 in position for use; but 70 the arm 34 may be arranged in any other position with relation to the arm 27, and in order to secure this result the said arm 34 may be adjustable on the shaft. This adjustment may be effected in any desired  
 75 manner. The arrangement shown in Figs. 5 to 7, inclusive, however, reduces the cutting of the window frame or casing to a minimum. The operating-arm may be utilized as a weight for swinging the engaging arm 24 out  
 80 of the keeper 25 when the pin or bolt is withdrawn from engagement with the upper and lower sashes.

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

1. A combined sash-lock and shutter-fastener comprising a movable member mounted on the window frame or casing, means mounted on the shutter and coöperating with  
 90 the said member for locking the shutter, and means carried by the said locking member for engaging the sashes.

2. A combined sash-lock and shutter-fastener comprising a pivoted member mounted  
 95 on the window frame or casing and provided at its outer end with means for engaging and locking a shutter or blind, and means carried by the said member for locking the sashes, and the said member. 100

3. A combined sash-lock and shutter-fastener comprising a keeper designed to be mounted on a shutter or blind, a movable member mounted on the window frame or casing and having an angularly-disposed por-  
 105 tion for engaging the keeper, and means for engaging the sashes and the said member.

4. A combined sash-lock and shutter-fastener comprising a movable member mounted on the window frame or casing and pro-  
 110 vided at its outer end with means for locking the shutter or blind, a combined guide and support carried by the said member, and a pin or bolt passing through the combined guide and support and arranged to engage  
 115 both of the sashes of the window.

5. A sash-lock and shutter-fastener comprising a lever fulcrumed at an intermediate point and provided with an inner operating-arm having a combined guide and support-  
 120 said lever being also provided at its outer arm with an angularly-disposed engaging portion, a keeper to receive the angularly-disposed portion, and a pin or bolt passing through the combined guide and support and  
 125 arranged to engage the sashes of the window.

6. A combined sash-lock and shutter-fastener comprising a keeper designed to be mounted on a shutter, a movable member provided at its outer end with means for en-  
 130

gaging the keeper for holding the shutter closed, and locking means connected with the inner portion of the movable member and arranged to engage both sashes of the window, whereby the shutter and the said sashes are locked.

5

In testimony that I claim the foregoing as

my own I have hereto affixed my signature in the presence of two witnesses.

WILLIAM BROWNELL THOMAS.

Witnesses:

EDWARD D. SHAW,  
JOSEPH W. CAMERON.