

(No Model.)

W. MOSIER.
SLIDING DOOR FASTENER.

No. 577,444.

Patented Feb. 23, 1897.

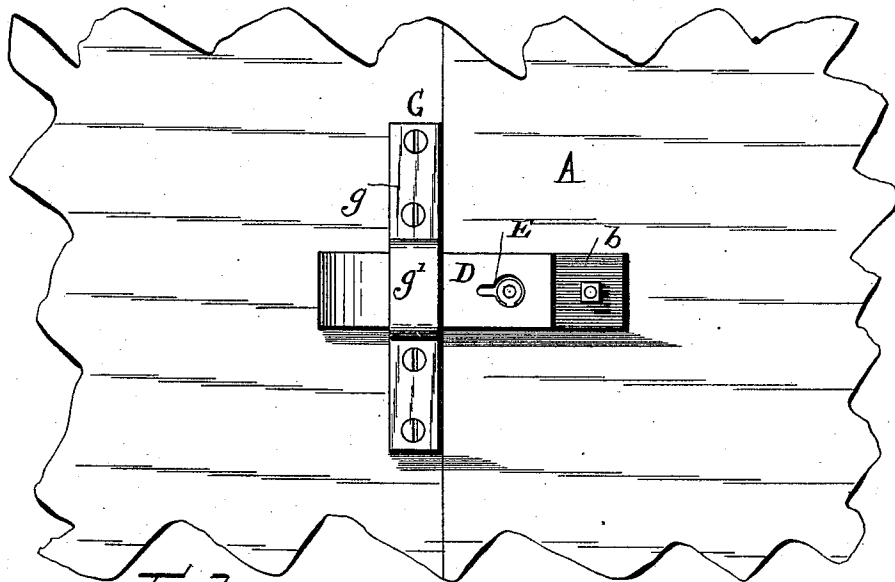


Fig. 1.

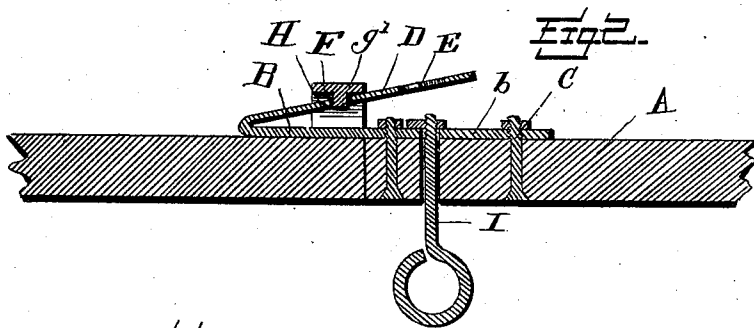
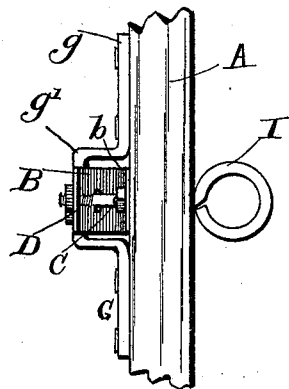


Fig. 2.

Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

WALLACE MOSIER, OF MOSIERTOWN, PENNSYLVANIA.

SLIDING-DOOR FASTENER.

SPECIFICATION forming part of Letters Patent No. 577,444, dated February 23, 1897.

Application filed April 7, 1896. Serial No. 586,495. (No model.)

To all whom it may concern:

Be it known that I, WALLACE MOSIER, a citizen of the United States, residing at Mosiertown, in the county of Crawford and State of Pennsylvania, have invented certain new and useful Improvements in Door-Fasteners; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to certain new and useful improvements in door-fasteners; and it has for its objects, among others, to provide a simple and cheap yet strong and durable fastening that can be readily applied to a door and which will securely hold the door in its closed position.

Other objects and advantages of the invention will hereinafter appear, and the novel features thereof will be specifically defined by the appended claim.

The invention in this instance resides in the peculiar combinations and the construction, arrangement, and adaptation of parts, all as more fully hereinafter described, shown in the drawings, and then particularly pointed out in the claim.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a view showing the application of the invention to a door. Fig. 2 is a central section through the fastener. Fig. 3 is a detail in edge view.

Like letters of reference indicate like parts throughout the several views.

Referring now to the details of the drawings by letter, A designates the door, to which is secured the fastener, which consists of a piece of spring metal B, having a portion *b*, which is adapted to be secured to the door in any suitable manner, as by the bolts or screws C, passed through holes in the said attaching portion, as shown.

The fastener is extended beyond the edge of the door and is bent upon itself at an angle, as shown, to form the spring-tongue D, which

extends back upon the door and is provided 50 near its free end with a keyhole-shaped opening E and between this and the bend of the fastener with an opening F.

G is the keeper, secured to the door-casing or frame, or when two sliding doors are to be 55 fastened with this fastener the said keeper is secured to the other door near its edge. It comprises the attaching portions *g* and the loop *g'*, which is adapted to receive the spring-tongue and the portion of the fastener that 60 extends beyond the edge of the door to which it is secured, and upon the inner face of the cross-bar of the loop is a depending or inwardly-extending pin or lug H, adapted to engage the hole F in the spring-tongue. 65

In practice, when the doors come together or the one door is closed, the spring-tongue enters the loop, and as the bevel portion thereof enters the loop the spring-tongue is compressed until the hole F thereof comes 70 coincident with the pin or lug H of the keeper, when the spring of the tongue causes the same to be engaged and the door is fast.

When it is desired to unlock the door, the key is turned so as to be coincident with the 75 keyhole and then inserted through said hole and turned part way round, so as to engage the spring-tongue, and then by pulling on the key the tongue is forced toward the door and disengaged from the pin or lug of the 80 keeper, and then the door can be opened.

What is claimed as new is—

The combination with a door and a plate secured thereto and having a portion extended beyond the edge of the door and bent to form 85 an integral spring-tongue provided with a hole and a keyhole-shaped opening, of a keeper having a loop portion and a pin extending inward from the cross-bar thereof and adapted to engage the hole in the spring-tongue, substantially as specified. 90

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

WALLACE MOSIER.

Witnesses:

S. G. LILLY,
D. F. MOSIER.