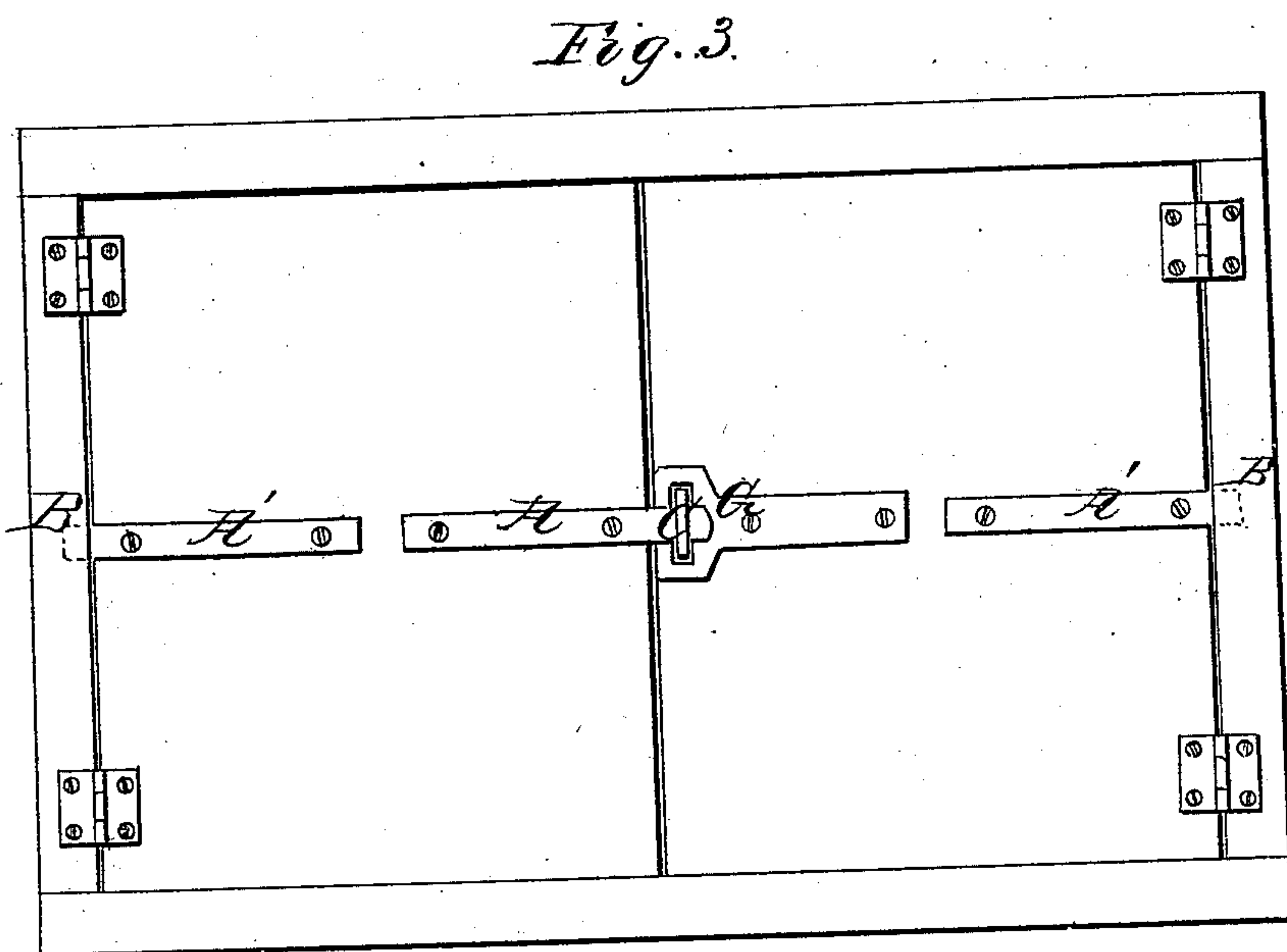
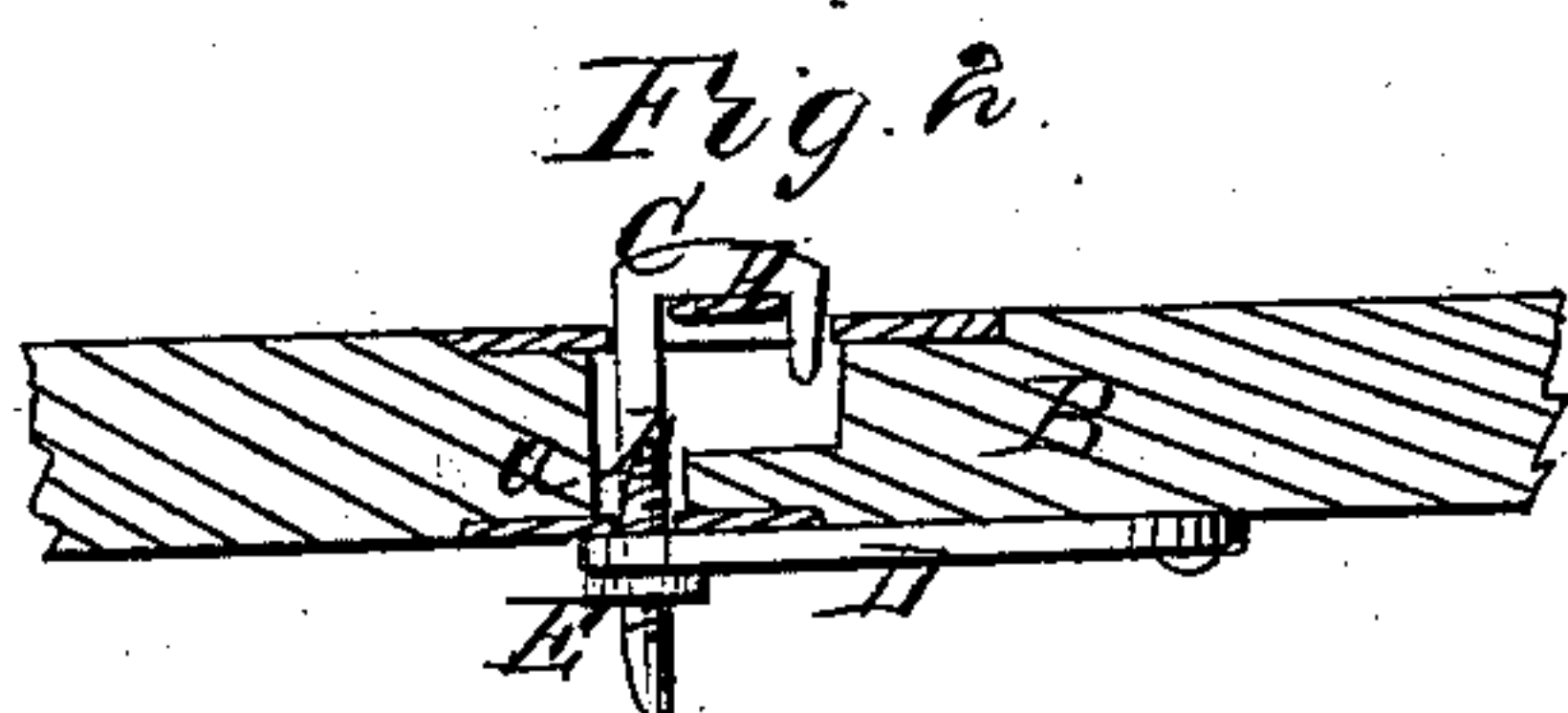
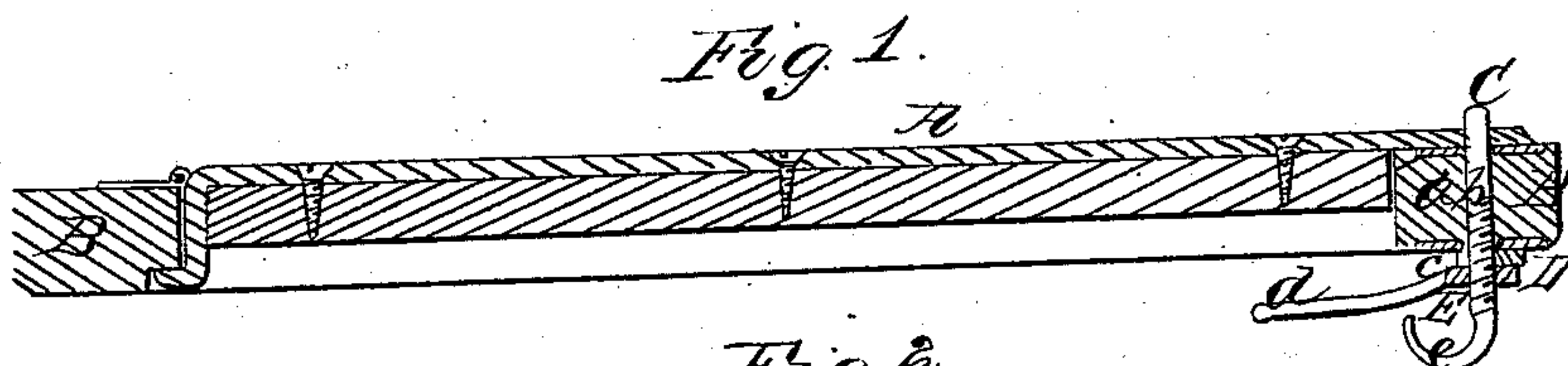


*J. Ausser,*  
*Door and Shutter Fastener.*  
*N<sup>o</sup> 84,984. Patented Dec. 15, 1868.*



*Witnesses.*

*J. C. Poller*  
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*for Ausser*  
*Van Hartward, Hauff*  
*Attys*

# UNITED STATES PATENT OFFICE.

JOSEPH AUSER, OF MOUNT VERNON, NEW YORK.

## IMPROVEMENT IN DOOR AND SHUTTER FASTENERS.

Specification forming part of Letters Patent No. **84,984**, dated December 15, 1868; antedated December 12, 1868.

*To all whom it may concern:*

Be it known that I, JOSEPH AUSER, of Mount Vernon, in the county of Westchester, in the State of New York, have invented a new and Improved Fastening for Shutters and Doors; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which drawing—

Figure 1 represents a horizontal section of this invention as applied to a single door or shutter. Fig. 2 is a vertical section through the post. Fig. 3 is a front view of this invention as applied to a double door or shutter.

Similar letters indicate corresponding parts.

This invention consists in the arrangement of a hinged latch, in combination with a nut, which screws on the shank of a hook that passes through the post or frame of the door or shutter, or through one of the doors or shutters, (when the fastening is applied to a double door or shutter,) and catches over the end of the bar which serves to fasten such door or shutter, in such a manner that by releasing said nut the latch can be thrown back and the hook pushed out a sufficient distance to release the locking-bar, and in fastening the door or shutter the hook can be readily made to catch over the end of the locking-bar, and by turning the latch under the nut, and giving to said nut one or two turns, the door or shutter is fastened; and the operation of fastening or unfastening a door or shutter can be performed much more expeditiously than it can be done without the latch, when the nut has to be turned a large number of times in order to release or secure the hook. Said latch also serves to steady the hook in its position.

A represents the locking-bar of a shutter or door, which may either be made to extend across the whole door or shutter, as shown in Fig. 1, or which, when applied to a double door or shutter, extends over a part only of one-half of such door or shutter, as shown in Fig. 3. In this latter case additional bars A' are used, which are secured to the doors or shutters between the hinges, and provided

with lips, which catch over the inner edges of the posts B, thereby giving additional security to the door or shutter.

The locking-bar A (shown in Fig. 1) is provided at one end with a lip similar to those of the additional bars A', and its opposite end extends over the outer surface of the posts B, as clearly shown in the drawing. This post is provided with a mortise, *a*, through which passes a hook, C. The shank of this hook is furnished with a screw-thread, *b*, and the hook itself is so shaped that it can be made to catch over the end of the locking-bar, as seen in Fig. 2.

To the inner side of the post B is secured a latch, D, which is provided with a notch, *c*, to catch over the shank of the hook; and on said shank is fitted a nut, E, which can be turned by a handle, *d*, or by any other suitable means. When this nut is turned back half a turn, the latch D is released, and by turning this latch back the hook can be pushed out, so that its open end will clear the locking-bar, and the door or shutter can be opened.

When it is desired to fasten the door or shutter, said door or shutter is closed, the hook is turned so as to catch over the end of the locking-bar, the latch D is thrown down and brought between the nut E and the post B, and by giving the said nut one-half a turn the shutter is securely fastened.

When my invention is applied to a double door or shutter, the hook C passes through a mortise in one of the wings of such door or shutter, and it extends over the locking-bar attached to the other wing.

The mortise through which the hook passes may be strengthened on the outside by a bar, G, with a suitable slot, that corresponds to the mortise. The hook itself is fastened by a nut and latch, in the same manner as previously described. For the sake of greater convenience in operating the hook C, its shank may be furnished on the inside with a curved finger-piece, as shown in Fig. 1. The latch D, when thrown down, serves also to steady the hook in its position.

By combining the latch with the hook and nut, a shutter or door fastening is obtained



which requires very little time for its operation, and which is strong, durable, and not liable to get out of order.

Without the latch, a large number of turns would have to be given to the nut, in order to cause the hook to release the locking-bar, or to fasten the same, and thus not only the thread on the shank of the hook would be liable to wear out, but much time would be lost in fastening and unfastening the shutter.

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

The latch D, in combination with the hook C, nut E, and locking-bar A, substantially as and for the purpose set forth.

JOSEPH AUSER.

Witnesses:

GEORGE D. ROCKWELL,  
WILLIAM HOLDREDGE.