J. B. WRIGHT.

SHUTTER HINGE.

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Fig. 2.

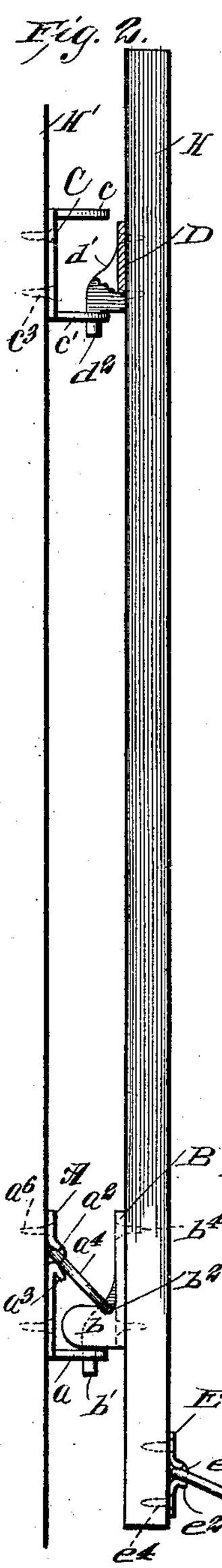


Fig. 1.

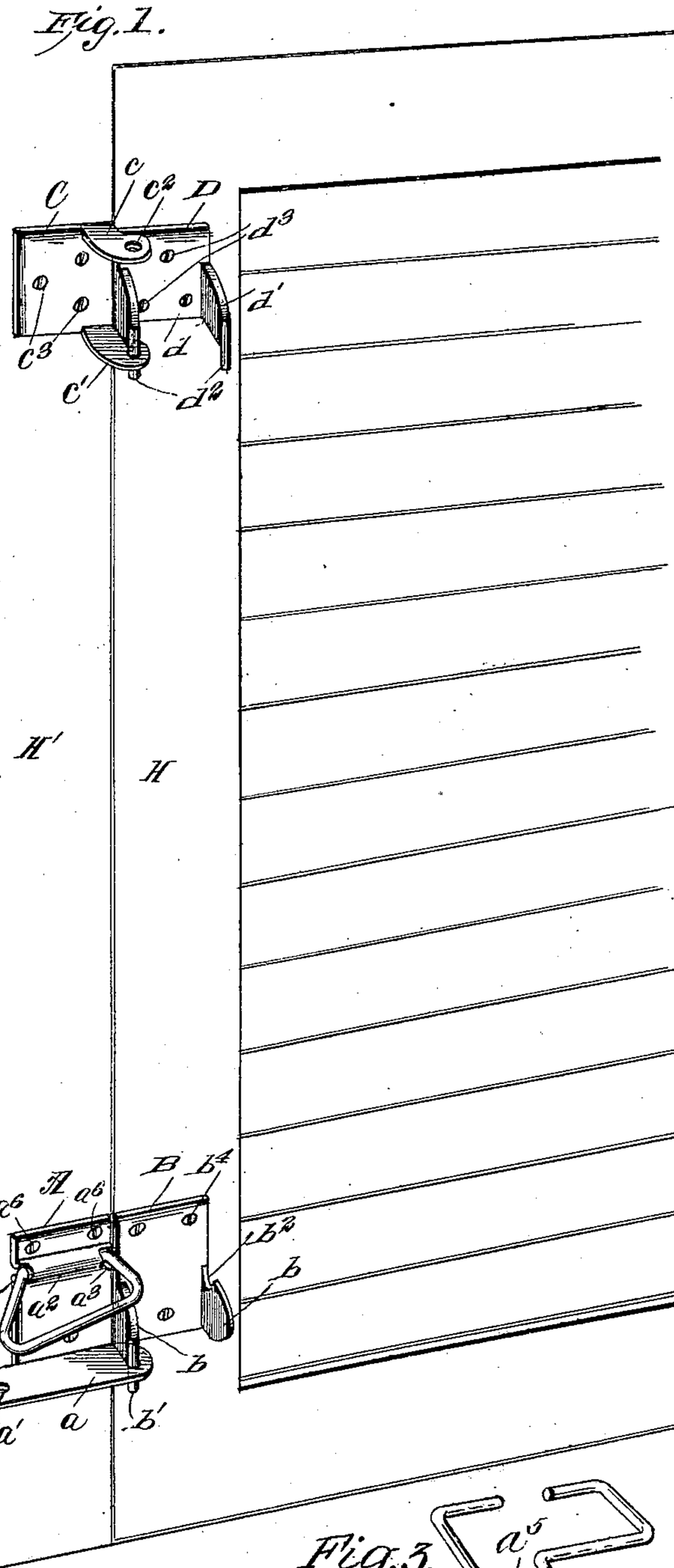


Fig. 3.




WITNESSES

E. H. Callaghan

C. E. Francis

INVENTOR

JOHN B. WRIGHT

BY Munn & Co.

ATTORNEYS

# UNITED STATES PATENT OFFICE.

JOHN BUNYAN WRIGHT, OF GREENSBORO, NORTH CAROLINA.

## SHUTTER-HINGE.

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Application filed February 6, 1908, Serial No. 414,593. Renewed February 25, 1909. Serial No 479,893.

*To all whom it may concern:*

Be it known that I, JOHN BUNYAN WRIGHT, a citizen of the United States, and a resident of Greensboro, in the county of Guilford and State of North Carolina, have made certain new and useful Improvements in Shutter-Hinges, of which the following is a specification.

My invention is an improvement in shutter hinges and consists in certain novel constructions and combinations of parts hereinafter described and claimed.

Referring to the drawings forming a part hereof—Figure 1 is a perspective view of a part of a shutter, or blind, provided with my improved hinge, showing the shutter closed. Fig. 2 is a side view showing the shutter open. Fig. 3 is a perspective view of a modified form of yoke.

In the present embodiment of my invention, the hinge consists of two leaves, one of the leaves A being adapted for attachment to the window casement H′, and the other B for attachment to the shutter or blind H. The leaf A consists of a plate provided with a bottom flange $a$, having at each end a perforation $a'$ for a purpose to be presently described, and provided near its top with a bearing $a^2$ open at the rear of the plate. A yoke $a^4$ is journaled in the bearing, and at each end of the bearing the plate is provided with a lug $a^3$, for retaining the yoke in a substantially horizontal position for a purpose to be presently described. The plate is provided with the usual screw holes for receiving the screws $a^6$, whereby it may be attached to the casement. The other leaf comprising the plate B, is provided with side flanges $b$, one having at the outer end thereof a downwardly projecting hook or pin $b'$, for engagement with one of the holes of the bottom flange of the plate A, and the upper edge of the other of said flanges is provided with a notch $b^2$ adjacent to the plate, for engagement by the yoke $a^4$ before mentioned. The plate B is also provided with the usual screw holes, for receiving the screws $b^4$, whereby it may be secured to the blind or shutter. If desired, the yoke $a^4$ may be provided with an offset portion $a^5$ adapted to engage the notch of the plate B. With either arrangement of yoke, it is necessary to reverse the position of the yoke when the position of the leaves are reversed with respect to each other.

The hinge for the upper part of the blind may be of the same construction as described, or it may be of the form shown in the upper portion of Figs. 1 and 2, consisting of two sections C and D, the section C being adapted for attachment to the casement, and the section D to the blind or shutter H. The section C comprises a plate having top and bottom flanges $c$, $c'$, adjacent to one edge thereof, each of said flanges being provided with a perforation $c^2$. The section D comprises a plate having side flanges $d$, $d'$, each of said flanges being provided near its free end with a downwardly projecting pin or hook $d^2$, for engaging a perforation $c^2$ of the plate C. Each of the plates C, D, is provided with the usual holes for the screws $c^3$, $d^3$, respectively, whereby to permit the attachment of such plates It will be evident from the description, that the leaves of the hinge just described are also reversible with respect to each other, thus permitting the hinge to be applied at either side of the blind or shutter.

In opening a blind or shutter provided with my improved hinge, it is not necessary to lift the shutter, and the shutter is securely locked in its open position. When it is desired to close the shutter, the yoke connected with the hinge is lifted, thus freeing the shutter and permitting it to swing in closed position.

I claim—

1. A shutter hinge comprising a plurality of leaves, one of said sections having side flanges, one of which is provided with a downwardly extending pin and the other of which is provided with a notch on its upper edge, the other of said leaves having a bottom flange provided with an opening for engagement by the pin and with a bearing near the top of the leaf, and a yoke journaled in the bearing for engaging the notch of the first leaf, said second leaf having lugs at the ends of the bearing for limiting the downward movement of the yoke.

2. A hinge comprising a plurality of leaves, one of said leaves being provided with an opening, and the other with a pin for engaging the opening, and a yoke journaled

on said first named leaf, the last named leaf being provided with a notch for engagement by the yoke for the purpose set forth.

3. A shutter hinge comprising a plurality of leaves one of said leaves having side flanges, one of which is provided with a downwardly extending pin, and the other with a notch on its upper edge, the other of said leaves having a bottom flange provided with an opening for engagement by the pin, and with a bearing near the top of the leaf, and a yoke journaled in the bearing for engaging the notch of the first leaf.

4. The combination with the shutter and the casement, of a sectional hinge connecting the shutter with the casement, one of the leaves of the hinge being provided with a notch, and a yoke on the other leaf for engaging the notch to lock the shutter in open position.

5. A shutter hinge comprising a plurality of leaves one of said leaves having side flanges, one of which is provided with a pin, and the other with a notch, the other of the leaves having a flange provided with an opening for engagement by the pin, and with a bearing, and a yoke journaled in the bearing for engaging the notch of the first leaf.

JOHN BUNYAN WRIGHT.

Witnesses:
JOS. S. PHIPPS,
J. H. WALSH.