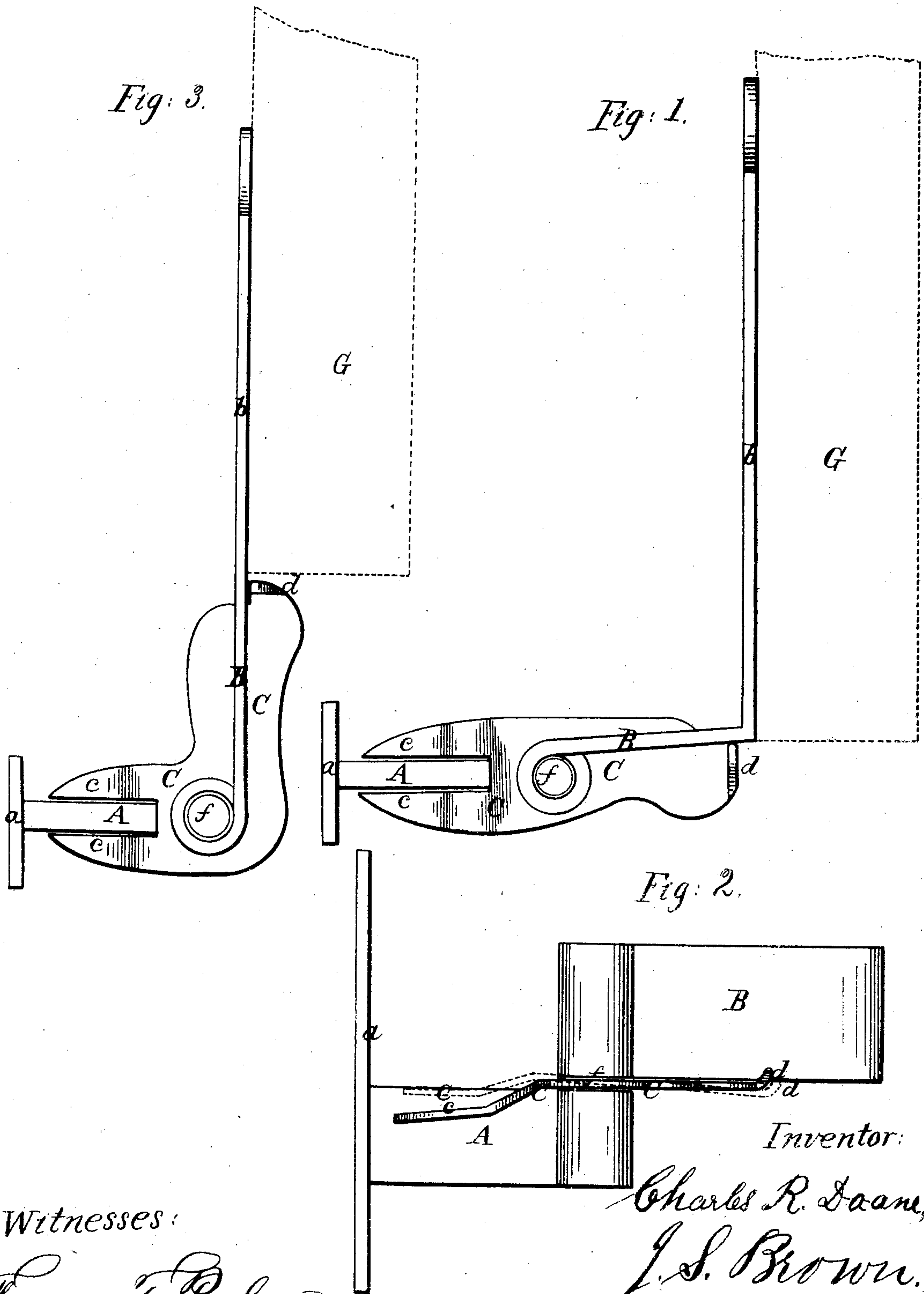


C. R. Doane.

Window-Shutter Holder.

N^o 76170

Patented Mar. 31, 1868.



Witnesses:

Thomas T. Parker.

Inventor:

Charles R. Doane,
J. S. Brown,
Attorney.

United States Patent Office.

CHARLES R. DOANE, OF WILLIAMSBURG, NEW YORK.

Letters Patent No. 76,170, dated March 31, 1868.

IMPROVEMENT IN WINDOW-SHUTTER HOLDER.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, CHARLES R. DOANE, of Williamsburg, in the county of Kings, and State of New York, have invented an Improved Shutter-Fastener; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification—

Figure 1 being a top view of a shutter-hinge, and of the fastener applied thereto.

Figure 2, a side elevation of the same.

Figure 3, a top view of a modified form of hinge and fastener, adapted to the use of frame houses.

Like letters designate corresponding parts in all of the figures.

My invention consists in a single piece of sheet brass or iron, of peculiar form, to be applied to a shutter-hinge of ordinary or other form.

Figs. 1 and 2 represent its form and application to a shutter-hinge for a brick house. Let A represent the part of the hinge to be attached to the window-frame by the flanch *a*, and B the part to be attached to the shutter or blind, G, by the flanch or strap *b*. The fastener C is simply slipped over the pivot *f* of the hinge before the part B is put on, so that the fastener lies between the two parts. There may be a washer between the fastener and the hinge, to allow a little more freedom of movement to its ends for vibrating up and down. But, ordinarily, this may be dispensed with. The inner end of the fastener is forked, so that its forks *e e* will stride the web of the part A of the hinge, these forks also bending downward a little, as seen in fig. 2, so as to enable them to do so. The outer end of the fastener terminates in a lip, *d*, which is bent upward nearly at right angles to the main part of the fastener, and has its inner edge inclined, and its outer edge vertical or abrupt. The inner end of the fastener is heavier than the outer end, so that it ordinarily lies, by its own gravity, in the position indicated by black lines in fig. 2.

Thus constructed, when the blind is swung outward, the part B of the hinge swings over the inclined edge of the fastener-lip, thus depressing that end of the fastener, as seen by red lines in fig. 2, till it passes beyond the lip, when the outer abrupt edge thereof holds the blind from swinging in. When it is desired to close the blind or shutter, the outer end of the fastener is simply depressed by hand to the position shown by red lines in fig. 2, and then the blind can swing back over the lip *d*.

For frame houses, where the hinge can be attached to the outside of the window-casing, and the strap *b* of the outer part B of the hinge is in line with the web of that part of the hinge, as shown in fig. 3, the form of the fastener may be bent, as shown in the same figure.

What I claim as my invention, and desire to secure by Letters Patent, is—

The fastener C, applied between the parts of the shutter-hinge so as to vibrate on the pivot thereof, and constructed so as to operate substantially as herein described.

The above specification of my improved shutter-fastener signed by me, this twenty-first day of August, 1866.

CHAS. R. DOANE.

Witnesses:

HENRY D. B. LEFFERTS,

W. F. HOFFMAN.