(No Model.)

# R. HUDSON.

## SHUTTER BOWER.

No. 432,801. Patented July 22, 1890.

FIG. 1.

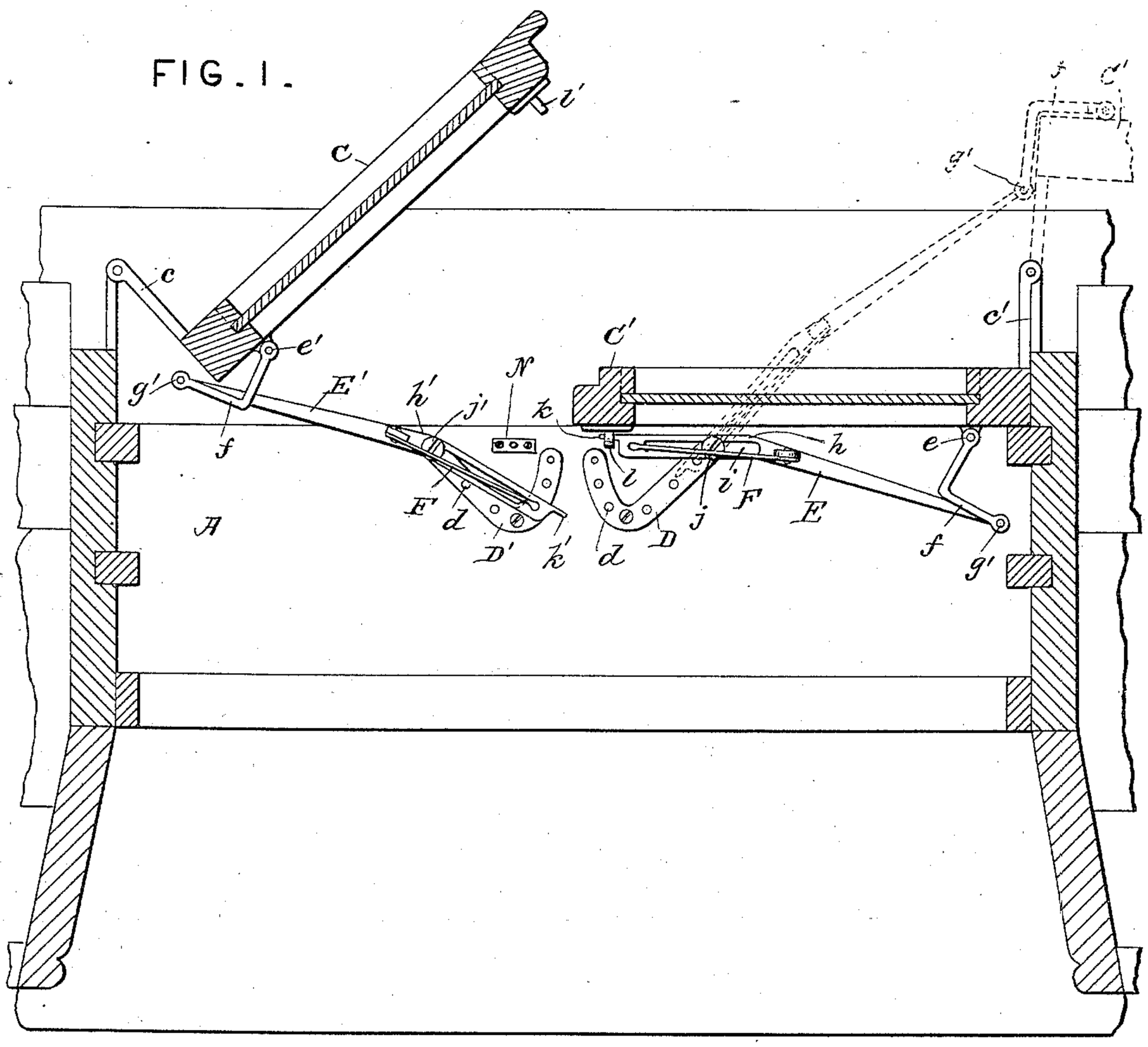
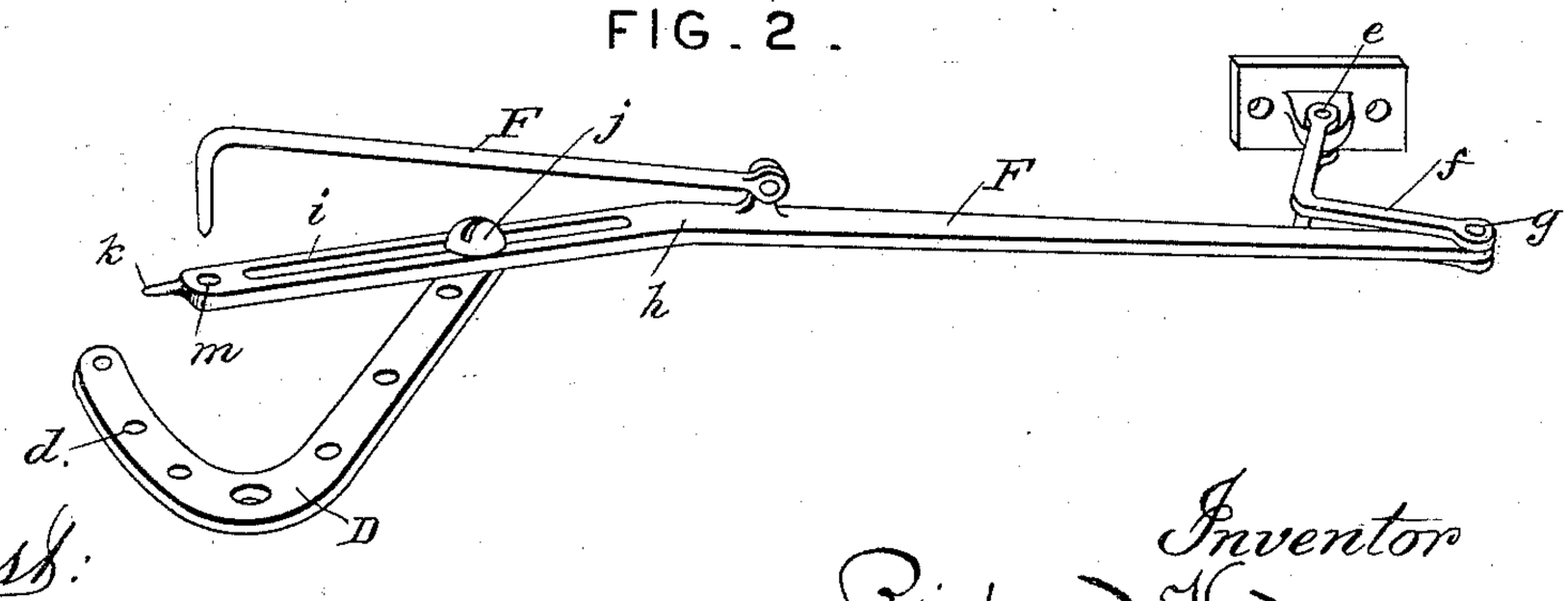



FIG. 2.




Attest:
Geo. T. Smallwood.
Charles C. Burley

Inventor
Richard Hudson,
by his Attorney
Jas. D. McBride.

# UNITED STATES PATENT OFFICE.

RICHARD HUDSON, OF WASHINGTON, DISTRICT OF COLUMBIA, ASSIGNOR OF ONE-HALF TO JOHN R. GALLOWAY, OF SAME PLACE.

## SHUTTER-BOWER.

SPECIFICATION forming part of Letters Patent No. 432,801, dated July 22, 1890.

Application filed September 30, 1889. Serial No. 325,559. (No model.)

*To all whom it may concern:*

Be it known that I, RICHARD HUDSON, a citizen of the United States of America, residing at Washington, in the District of Columbia, have invented certain new and useful Improvements in Shutter Bowers and Fasteners, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to improvements in shutter-fasteners, the particular features of which will be hereinafter fully described, and pointed out in the claim.

In the accompanying drawings, Figure 1 represents a plan view of an ordinary window-sill with my improved bower and fastener attached thereto. Fig. 2 is a detail view of my said improvement.

A is the window-sill C and C′ are the window-shutters, hinged at G G′ in the usual manner. Secured to the sill A are angular arms D D′, perforated or notched, as at *d*, said perforations or notches being disposed at intervals upon the said arms for the purpose hereinafter described.

Pivoted to brackets *e e′*, secured to the shutters C C′, are elbow angle-irons *f f′*, and pivoted at *g g′* to the free ends of the angle-irons *f f′* are connecting or extending rods E E′, which latter are so bent at *h h′* as that when the shutters C and C′ are closed, as is the case illustrated by the position of the shutter C′, Fig. 1, the extending-rod E is parallel or nearly parallel with said shutter. The said extending-rods E and E′ are slotted at *i i′*, screw-studs *j j′* being passed through said slots and finding beds in the arms D and D′. The extreme ends of said extending-rods E E′ are formed with projecting lugs *k k′*, which engage with eyelets or staples *l l′*, secured to the shutters C C′. Pivoted upon the top portion of each of the extending-rods E E′ are drop-latches F F′, the bent ends of which pass through perforations *m*, Fig. 2, in the ends of extending-rods E E′. I also provide a supplemental perforated plate-piece N, adapted to receive the dropping-latch when the shutters are closed. It will thus be seen that when it is desired to open the shutters the extending-rods may be retracted and the lugs *k k′* drawn from the eyelets *l l′*, the drop-latches F F′ having first been raised, as shown in Fig. 2. Since the perforations *d* are at intervals and disposed in such a manner as that when the shutters are thrown open to the desired angle, the drop-latches F F′ may be lowered, the points of the latter passing through perforations *m* into the perforations or notches *d*, as shown by the position of shutter C in Fig. 1; also, is shown in dotted lines the shutter C′ thrown open to its limit and locked in position. When the shutters are closed, the lugs *k k′* are inserted within their respective eyelets *l l′* and the latches F F′ inserted within the perforations of the supplemental plate-pieces N.

Having thus described my invention, what I claim as new therein, and desire to secure by Letters Patent, is the following claim:

The combination, with the shutter, of an adjustable elbow-connection, an extending-rod pivotally secured thereto, a perforated plate-piece, a dropping-latch adapted to engage said perforated plate, said extending-rod having a lug at its extremity adapted to enter an eyelet when the shutter is closed, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

RICHARD HUDSON.

Witnesses:
F. W. GRAHAM,
CHARLES C. BUCKLEY.