A. L. FRANCE.

Improvement in Shutter-Fasteners.

No. 130,708. FIG. 1. Patented Aug. 20, 1872.

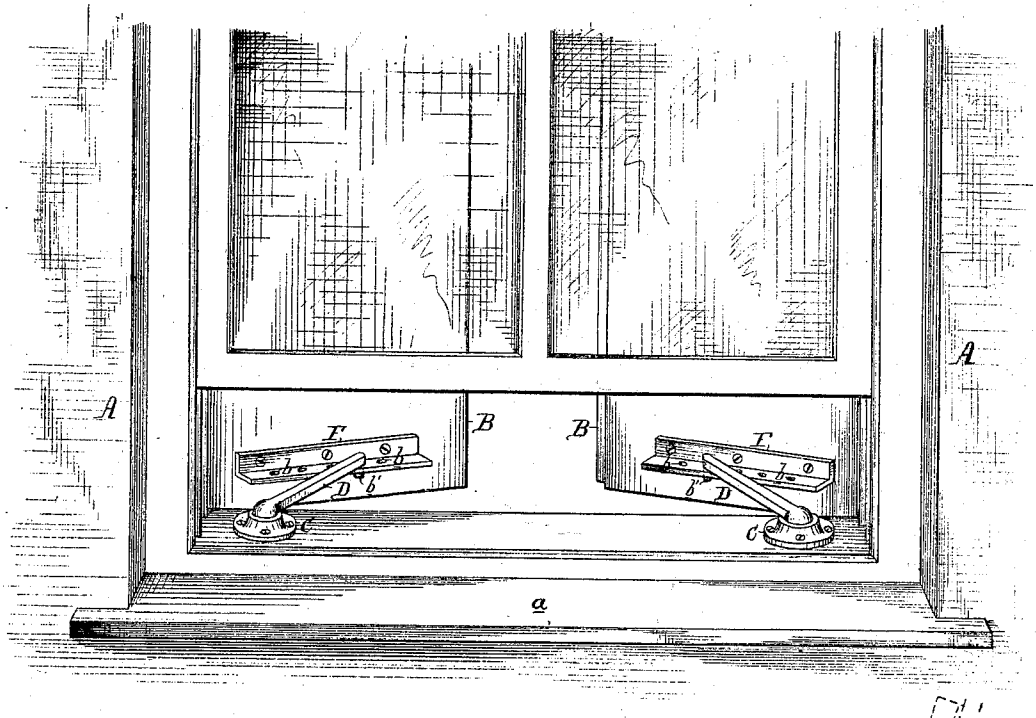


FIG. 2.

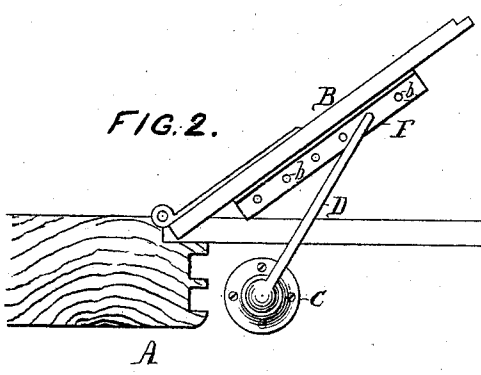


FIG. 3.

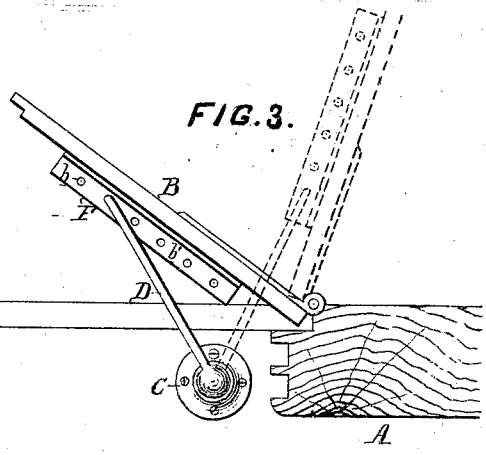
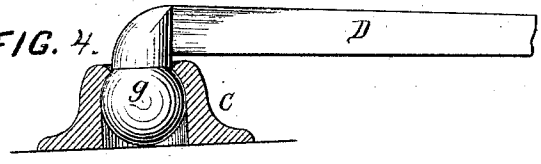


FIG. 4.



A. L. France
by his Attys
Howson and Son

WITNESSES { Wm. A. Lull
John Parker

UNITED STATES PATENT OFFICE.

ALBERT L. FRANCE, OF WILMINGTON, DELAWARE, ASSIGNOR TO HIMSELF, WILLIAM McCALL, AND WILLIAM K. STOCKLEY, OF SAME PLACE.

IMPROVEMENT IN SHUTTER-FASTENERS.

Specification forming part of Letters Patent No. **130,708**, dated August 20, 1872.

SPECIFICATION.

I, ALBERT L. FRANCE, of Wilmington, county of New Castle, State of Delaware, have invented an Improved Shutter-Fastening Device, of which the following is a specification:

Nature and Object of the Invention.

My invention consists of a certain improvement, fully described hereafter, in the shutter retaining-and-fastening device for which Letters Patent were granted to me on the 13th day of September, A. D. 1870, the said improvement being such as to simplify and materially reduce the cost of the device.

Description of the Accompanying Drawing.

Figure 1 is a perspective view of the lower portion of a window-frame with my improved fastening device as it appears when used for bowing the shutters; Fig. 2, a sectional plan view of part of Fig. 1; Fig. 3, also a sectional plan, showing the shutter held in two positions by the fastener; Fig. 4, an enlarged view, partly in section, of part of the retaining-and-fastening device.

General Description.

A represents a window-frame, of which *a* is the sill, and B B are two shutters hinged to the outside of the frame, and capable of being drawn inward against the latter or thrown outward, as usual. The shutter retaining-and-fastening device consists mainly of a socketed plate, C, secured to the window-sill, of an arm or latch, D, pivoted to the same, and of a catch-plate, F, secured to the lower portion of the shutter, and having a number of holes, *b*, into any one of which the end *b'* of the arm or latch can be inserted.

When it is desired to lock the shutters they are closed in against the frame and sill, and the end of the arm or latch, of which there is one for each shutter, is inserted into the outermost hole of its catch-plate; and if the shutters are to be bowed, as shown in Figs. 1, 2, and 3, or held half-way open or thereabout, as indicated by dotted lines in Fig. 3, the pivoted latch is inserted into any one of the holes in the catch-plate, which will enable the shutter to be retained in the desired position. To fasten the shutters back against the wall the latch is inserted into a rabbeted plate secured to the under edge or heel of the shutter, and not illustrated in the drawing, but shown and described in my aforesaid patent of September 13, 1870.

It is necessary that the latch should be connected to the plate C on the sill by a universal joint, or by a joint of such a character as will enable the said catch to be turned, and at the same time to be raised and lowered in order to permit its introduction into and withdrawal from the holes of the catch-plate. In my aforesaid patent this compound movement was obtained by hinging the latch, by means of a transverse pin, to a recessed standard or bolt, which was itself attached to and capable of turning in the socketed plate C.

The object of my present invention is to dispense with the recessed standard or bolt, and to adapt the inner end of the latch directly to the socketed plate, so as to simplify the device and considerably reduce its cost.

In Fig. 4 the latch has a spherical enlargement, *g*, formed on the inner end, and adapted to a corresponding socket in the plate *c*, which forms a universal joint. This permits the latch to be freely turned, and to be also raised and lowered.

Claim.

The latch D of a single piece, with a ball at its inner end, and constructed, substantially as described, so as to be passed into the socketed plate G from the under side, substantially as and for the purpose specified.

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

ALBERT L. FRANCE.

Witnesses:
WM. A. STEEL,
JOHN K. RUPERTUS.