

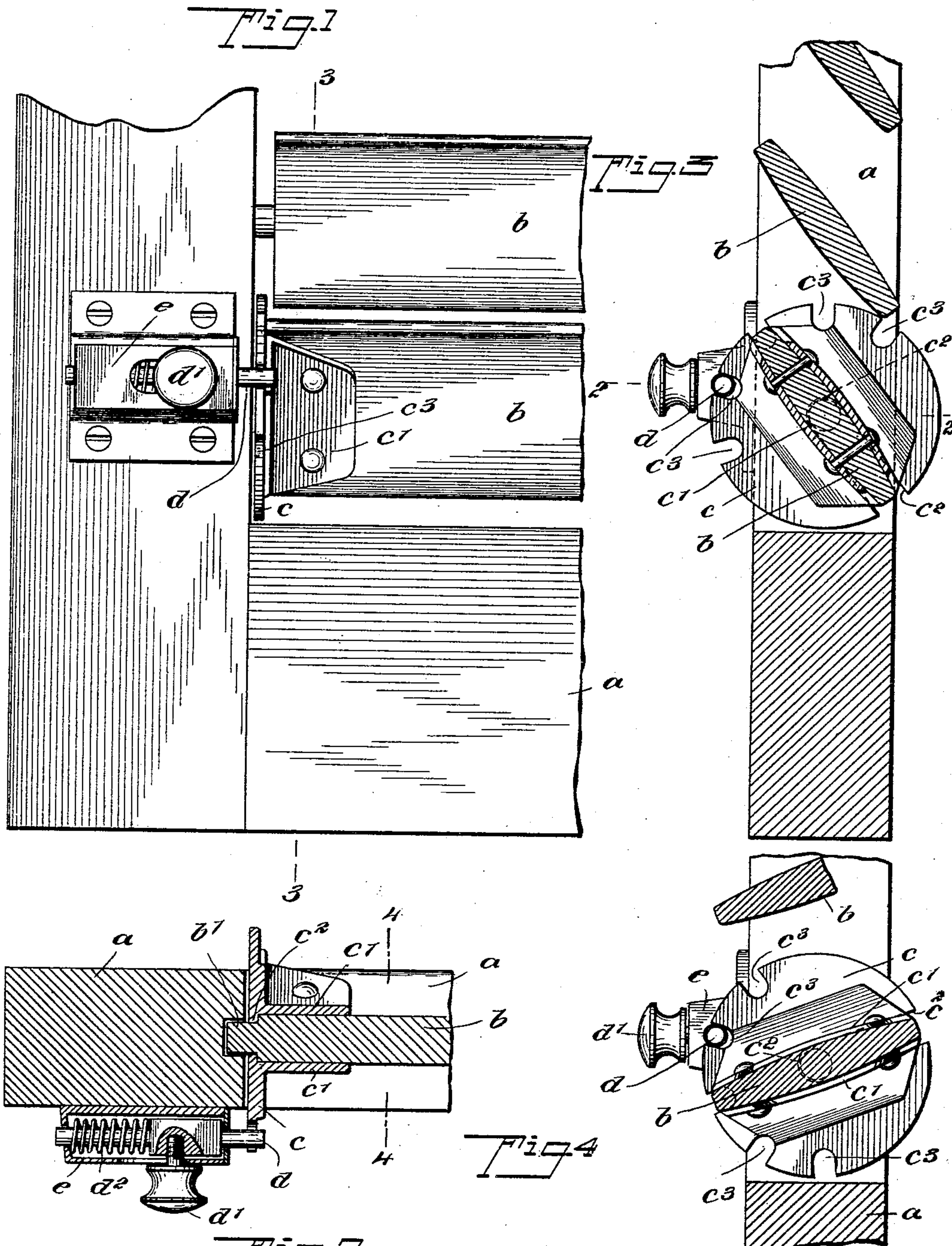
No. 684,198.

Patented Oct. 8, 1901.

J. D'ECHAUX.
SHUTTER BLIND FASTENER.

(Application filed Feb. 11, 1901.)

(No Model.)



WITNESSES:
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UNITED STATES PATENT OFFICE.

JULES D'ECHAUX, OF GIBSON, LOUISIANA.

SHUTTER-BLIND FASTENER.

SPECIFICATION forming part of Letters Patent No. 684,198, dated October 8, 1901.

Application filed February 11, 1901. Serial No. 46,808. (No model.)

To all whom it may concern:

Be it known that I, JULES D'ECHAUX, a citizen of the United States, and a resident of Gibson, in the parish of Terrebonne and State of Louisiana, have invented a new and Improved Shutter-Blind Fastener, of which the following is a full, clear, and exact description.

This invention relates to a device for holding the slats or blinds of window-shutters at any adjustment which may be desired; and to this end it comprises a disk or plate of certain hereinafter-described peculiar construction fastened to one of the slats through the medium of flanges embracing the slat, such disk working with a spring-bolt which is mounted on the framing or rigid part of the shutter.

This specification is a specific description of one form of the invention, while the claim is a definition of the actual scope thereof.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is an elevation of the invention, showing it applied to a shutter. Fig. 2 is an irregular section on the line 2 2 of Fig. 3. Fig. 3 is a sectional elevation, the section being on the line 3 3 of Fig. 1; and Fig. 4 is a view similar to Fig. 3, except that the parts are shown in a different adjustment.

a represents the framing of the shutter, and *b* the slats, which are pivotally mounted in the frame in the usual manner. These slats are connected together by a bar, (not shown,) which construction is generally employed and by means of which the slats move in unison, so that by fastening one slat all of the slats will be held.

c represents a plate or disk which is fastened to one of the slats *b*. This plate is here shown to be circular in form and lies at one end of the slot to which it is fastened, the plate being secured to the slat by means of flanges *c'*, which are formed on or secured to the disk *c* and lie on opposite sides of the slat *b*, the flanges being riveted or bolted thereto. To facilitate applying the disk to shutters already constructed without necessitating taking the frame *a* of the shutter apart, I form the disk or plate *c* with a radial slot *c²*, which

extends from its outer edge inward to the center thereof. Through this slot projects a stud or trunnion *b'* on the slat *b*, by which the stud is mounted to rock, the stud bearing in the frame *a* in the usual manner. Now it will be seen, assuming that all of the parts of the shutter are in proper connection, that the plate *c* may be easily placed in position by sliding the plate so that the slot *c²* receives the trunnion *b'* and permits the plate to move into position with its flanges *c'* at the respective sides of the slot. When this has been done, the flanges *c'* may be fastened to the slat as desired.

The plate or disk *c* is provided on its periphery with a number of notches *c³*. These notches are adapted to receive the bolt *d*, by which the slats are held. This bolt is carried in a casing *e*, fastened to the framing *a* in juxtaposition to the disk *c*. The bolt *d* is provided with a thumb *d'* to permit its operation, and a spring *d²*, arranged within the casing *e*, presses the bolt *d* to normal or active position. The bolt *d* may be introduced into any one of the openings *d²* in the disk *c* by turning the disk so as to place the desired opening opposite the bolt, and it will therefore be seen that by adjusting the disk in this manner the slats *b* will be also adjusted, and when the desired adjustment has been attained the parts may be locked by engaging the bolt *d* with the disk or plate *c*, as described.

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

A fastener for shutter slats or blinds, comprising a plate or disk provided with flanges to engage one of the slats and having a radial slot therein extending approximately to its center to receive one of the trunnions of said slat, and a bolt mounted stationary with respect to the disk or plate and working therein with to hold it in the desired adjustment.

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

JULES D'ECHAUX.

Witnesses:

NICHAS. J. HOEY,
J. B. HUNTER.