R. C. ELLRICH.

Cupboard-Latch.

No. 219,927. Patented Sept. 23, 1879.

Fig. 1.

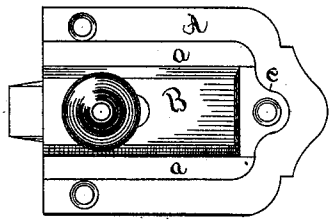


Fig. 2.

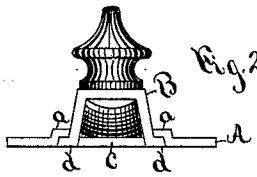


Fig. 3.

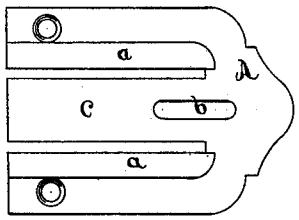
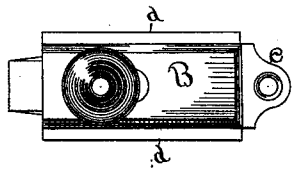


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

ROBERT C. ELLRICH, OF SOUTHINGTON, CONNECTICUT, ASSIGNOR TO PECK, STOW & WILCOX COMPANY, OF SAME PLACE.

IMPROVEMENT IN CUPBOARD-LATCHES.

Specification forming part of Letters Patent No. **219,927**, dated September 23, 1879; application filed January 30, 1879.

To all whom it may concern:

Be it known that I, ROBERT C. ELLRICH, of Southington, in the county of Hartford, and State of Connecticut, have invented certain new and useful Improvements in Cupboard-Latches, of which the following is a specification.

My invention has for its object the adjustment of the latch-case upon its base, in order to compensate for shrinkage of the door or casing to which the latch and its keeper may be applied; and the invention consists of a base-plate having longitudinal guides, in combination with a case or frame carrying the latch-bolt, which case is made longitudinally adjustable on the base-plate, as hereinafter described.

In the accompanying drawings, Figure 1 is a front elevation of a cupboard-latch which embodies my invention. Fig. 2 is an end view of the same. Fig. 3 is a front elevation of the base-plate detached, and Fig. 4 is a front elevation of the latch-case detached from the base-plate.

A designates the base-plate, the same being provided with proper longitudinal guides or ways *a a*, and slotted at the middle of its inner end, as at *b*, Fig. 3. The middle portion, *c*, of the base-plate is left on to assist in guiding the latch-bolt; but it may be omitted, if desired. The outer edge is provided with screw-holes, as in ordinary base-plates.

B designates the case or frame which carries the ordinary latch-bolt, the same being projected by a spring and hung in the case in any ordinary manner. At the base of this case there are longitudinal flanges *d d*, which fit into the ways *a a* of the base-plate, so as to slide back and forth therein. At the inner end of the case there is a small flange or wing, *e*, in which there is a screw-hole to admit the screw which holds that end of the device in place. The screw-hole in this wing is in the middle, so as to register with the slot *b*.

When the latch is to be put on a door, the case is slipped into its place in the base-plate, and the whole secured to the door with the front end of the case flush with the base-plate, as shown in Fig. 1.

In case the wood shrinks so that the latch-bolt does not properly enter the keeper, the screw which passes through the hole in the wing *e* and slot *b* of the case can be removed, the case slipped outward, so as to make the latch-bolt enter the keeper the desired distance, when the screw is replaced to hold the parts in the position to which they have been adjusted. In case that the adjustment is less than the width of the screw-hole in the door, said hole can be plugged up before replacing the screw.

The keeper may be of any ordinary style, and the parts may be made as ornamental as desired and of any ordinary kind, the only essential being that the case or frame which carries the latch-bolt shall be made longitudinally adjustable on the base-plate.

I claim as my invention—

The base-plate having longitudinal guides, in combination with the case carrying the latch-bolt and made longitudinally adjustable on said plate, substantially as described, and for the purpose specified.

ROBERT C. ELLRICH.

Witnesses:
AUGUSTINE M. LEWIS,
ORSON W. STOW.