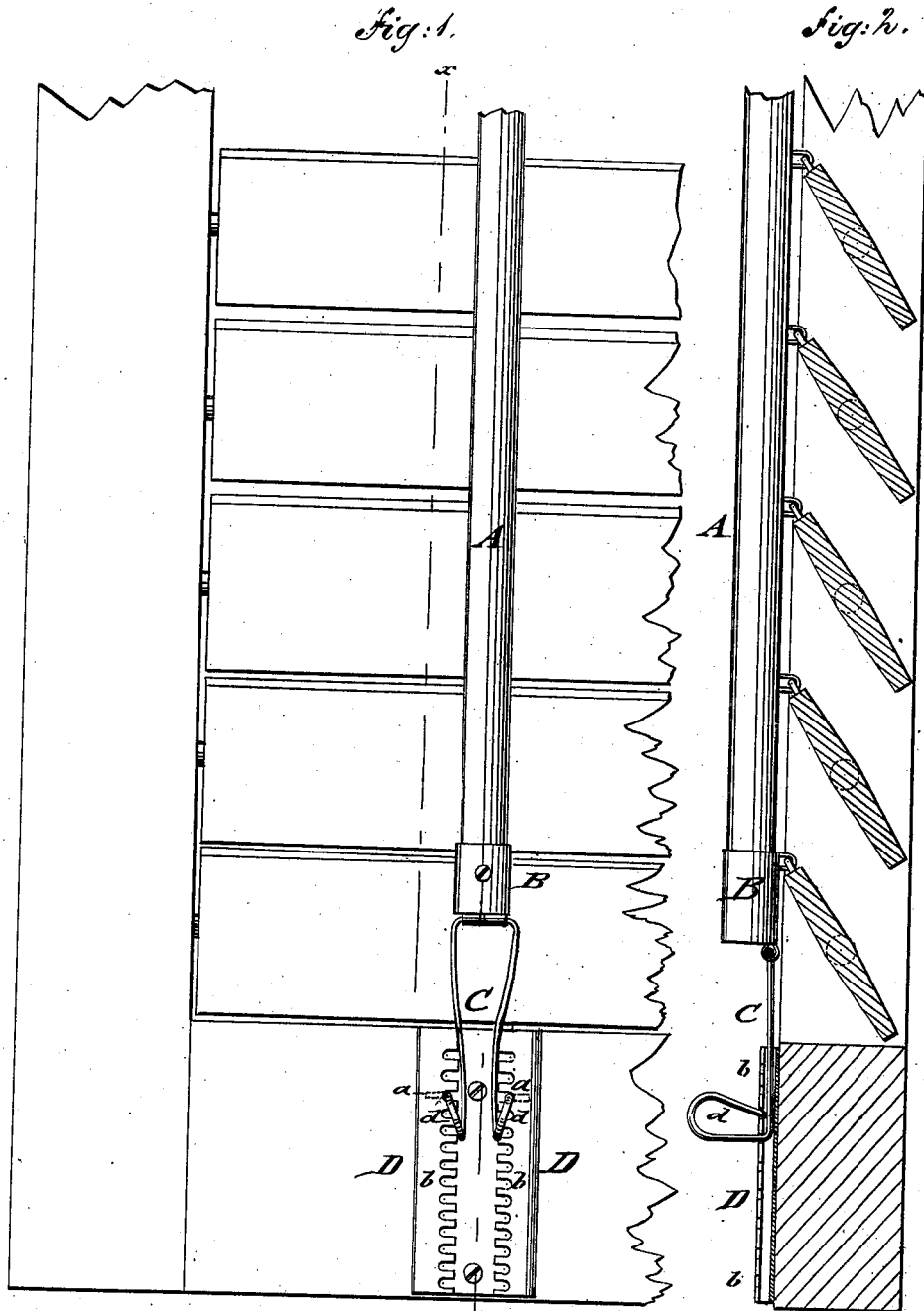


R. LOTH.
Blind-Slat Adjuster.

No. 204,986.

Patented June 18, 1878.



WITNESSES:

Chas. Nida
C. Sedgwick

INVENTOR:

R. Loth

BY

Munn

ATTORNEYS.

UNITED STATES PATENT OFFICE.

RUDOLPH LOTH, OF BRIDGEPORT, CONNECTICUT.

IMPROVEMENT IN BLIND-SLAT ADJUSTERS.

Specification forming part of Letters Patent No. **204,986**, dated June 18, 1878; application filed May 14, 1878.

To all whom it may concern:

Be it known that I, RUDOLPH LOTH, of Bridgeport, in the county of Fairfield and State of Connecticut, have invented a new and Improved Blind-Slat Adjuster, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a front view, and Fig. 2 a side view, partly in section, through line *xx*, Fig. 1, of a shutter with my improved slat-adjuster.

Similar letters of reference indicate corresponding parts.

This invention relates to an improved adjustable device for setting slats of shutters and blinds in any desired position, and retaining them rigidly therein, without the annoying rattling or changing of the position of the same, and without giving a chance to turn the slats from the outside.

The invention consists of a slat-rod having a bottom socket, with hinged spring-holder, that is guided by and locked into notched flanges of the adjusting-plate attached to the shutter-frame.

Referring to the drawing, A represents the slat-connecting rod, which is provided at the lowermost end with a socket or sleeve, B, that is screwed or otherwise attached thereto.

To the sleeve is hinged a locking-spring, C, that is preferably bent of spring-wire, of U-shape, the lower part of the spring being guided by side extensions *a* along bent-up and notched guide-flanges *b* of a plate, D, that is screwed or otherwise attached to the shutter-frame vertically below the slat-rod.

The hinged locking-spring C is also provided with suitable handles or finger-rests *d*, by which the ends of the spring are pressed together, so as to be released from the notched flanges for sliding the locking-spring vertically up or down in the space between the flanges, and locking thereby the slat-rods and slats into any suitable position and inclination.

The laterally-extended ends *a* of the locking-spring serve to guide the same along the bent-up flanges of the guide-plate, while the handles enter the notches and secure the reliable locking of the slat-rod, so as to prevent any change of position of the slats by the action of the wind or the shaking of the shutter, and prevent, also, the forcible opening of the slats from the outside, the adjusting device forming thus a reliable slat-locking device at the same time.

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

The slat-rod of a shutter or blind having a hinged locking-spring, with projecting handles or finger-rests and sidewise-extending guide ends, in combination with a notched and flanged guide-plate of the shutter-frame, substantially as and for the purpose set forth.

RUDOLPH LOTH.

Witnesses:

J. E. L. EVERS,
W. H. EVERS.