T. O'REGAN.
Blind-Slat Retainer.

No. 208,691. Patented Oct. 8, 1878.

fig.1.

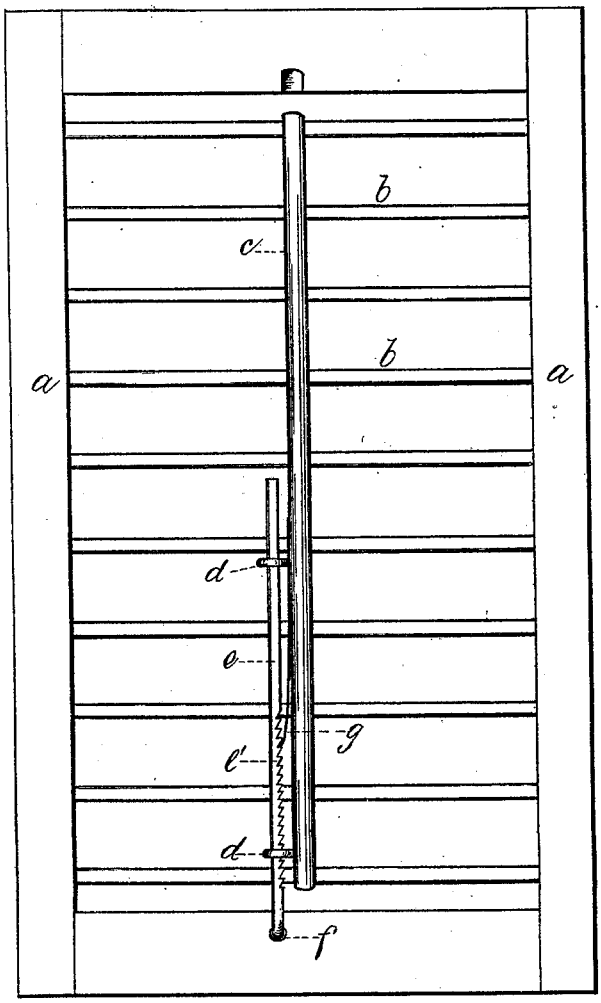
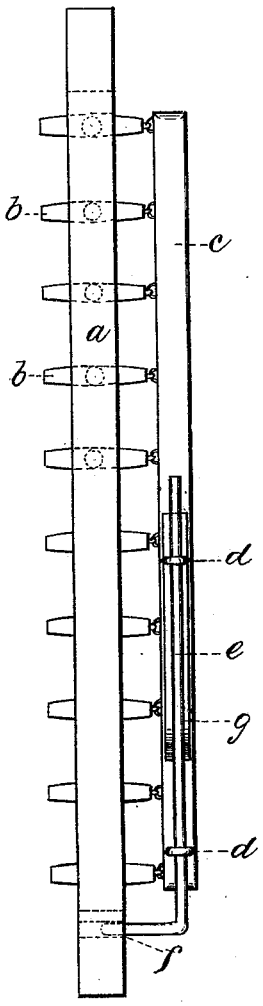



fig.2.




Witnesses:
R. F. Gaylord
Lewis Spencer

Inventor:
T. O'Regan,
By W. E. Simonds
Atty

# UNITED STATES PATENT OFFICE.

TIMOTHY O'REGAN, OF WILLIMANTIC, CONNECTICUT.

## IMPROVEMENT IN BLIND-SLAT RETAINERS.

Specification forming part of Letters Patent No. **208,691**, dated October 8, 1878; application filed July 29, 1878.

*To all whom it may concern:*

Be it known that I, TIMOTHY O'REGAN, of Willimantic, in the county of Windham and State of Connecticut, have invented certain new and useful Improvements pertaining to a Blind-Slat Retainer, of which the following is a specification, reference being had to the accompanying drawings, wherein—

Figure 1 is a front view. Fig. 2 is a side view of the blind—an edge view.

The invention is an improvement in that class of devices used to retain blind-slats in any desired position of adjustment; and consists in a construction of parts whereby simplicity, cheapness, and efficiency are attained.

It has been found necessary heretofore, in devices of this kind, where the slat-rod and blind-frame were directly connected, that some kind of a joint should be made use of in the connecting and adjusting device to compensate for the rotary movement of the slats. This was a source of additional cost, and ren dered the device more or less complicated and cumbersome.

In my device I avoid all of these undesirable features by omitting this joint and substituting an in-and-out right-angle movement. This movement has all the ease of manipulation of the old devices and the additional advantage of great cheapness and simplicity.

The letter *a* denotes the blind-frame; *b*, the pivoted and partially-rotating slats, and *c* the slat-rod, loosely jointed to all the slats. To this slat-rod are attached two or more eyes, *d*, in which lies the ratch-bar *e*, in such shape that the eyes have longitudinal play on the ratch-bar. This ratch-bar turns an elbow or angle at the bottom, and runs into an orifice, *f*, made in the frame *a*, in such shape that the ratch-bar can play back and forth toward and from the face of the blind.

As a modification, the horizontal part of the ratch-bar may run through eyes attached to the top of the bottom bar of the blind-frame. The ratch-bar bears a ratch, *e'*, on the side, and the slat-rod bears on the side a spring-pawl, *g*, taking into the ratch, and thereby holding the rod and the slats in the desired position of adjustment. The position of the spring-pawl attains and gives a great convenience in manipulation. By grasping the slat-rod and spring-pawl between the thumb and first finger, the hold of the spring-pawl on the ratch is broken, and immediately, and without shifting the grasp, the slats can be manipulated to the desired adjustment; and on letting go, the spring-pawl flies to engagement with the ratch, and holds the slats to position.

I claim as my invention—

The frame *a*, bearing the orifice *f*, the rotary slats *b*, the slat-rod *c*, bearing on its side the eyes *d* and the spring-pawl *g*, and the ratch-bar *e*, sliding in the eyes *d*, and its elbowed foot sliding in the orifice *f*, all combined as described, for the purpose set forth.

TIMOTHY O'REGAN.

Witnesses:

JNO. L. HUNTER,

C. A. COMINS.