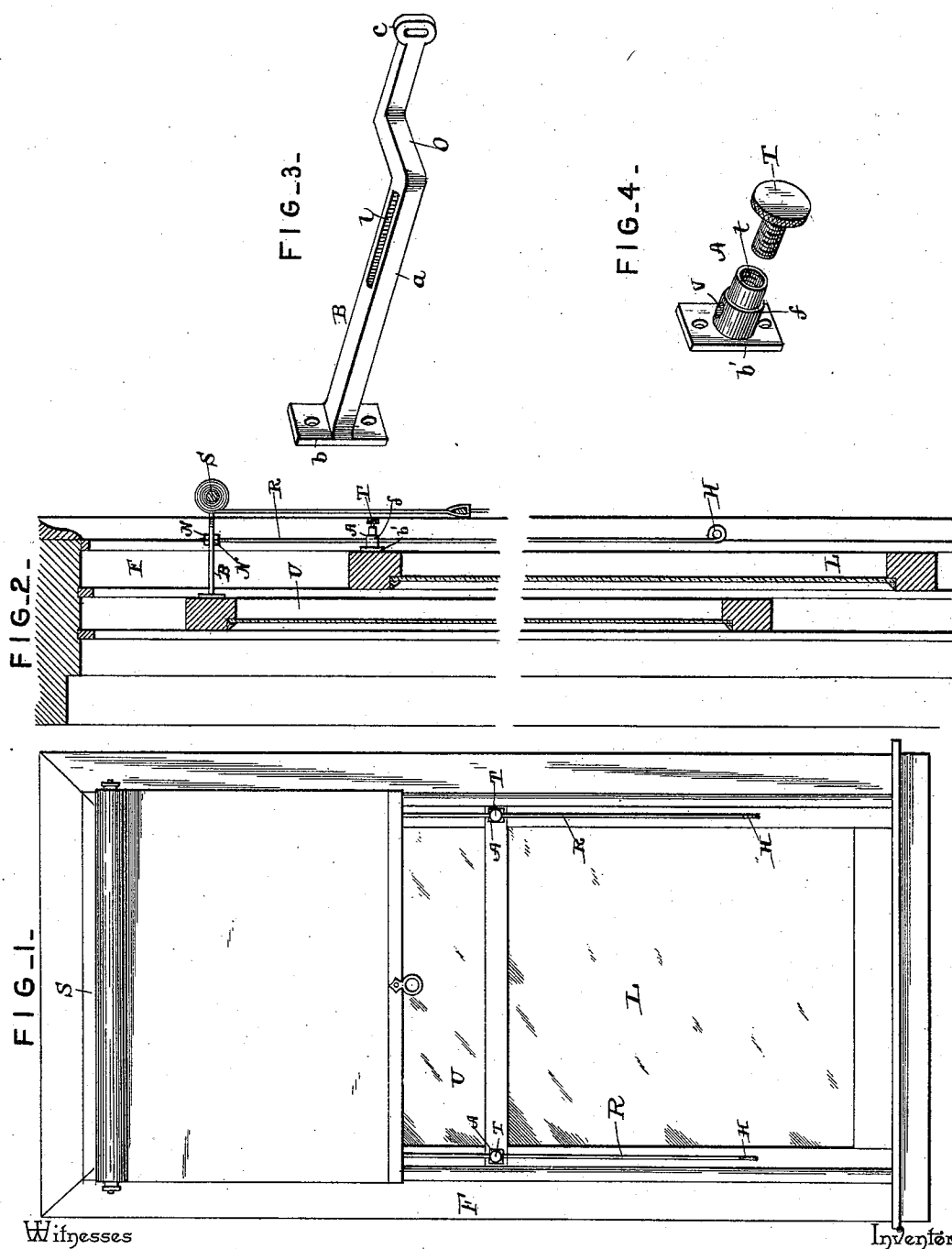


(No Model.)

F. A. BUSE.
SASH HOLDER.

No. 466,533.

Patented Jan. 5, 1892.



UNITED STATES PATENT OFFICE.

FRED. A. BUSE, OF NEW CASTLE, WYOMING.

SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 466,533, dated January 5, 1892.

Application filed June 19, 1891. Serial No. 396,849. (No model.)

To all whom it may concern:

Be it known that I, FRED. A. BUSE, a citizen of the United States, residing at New Castle, in the county of Weston and State of Wyoming, have invented a new and useful Sash-Fastener and Shade-Support, of which the following is a specification.

This invention relates to that class of builders' hardware known as "sash-fasteners;" and the object of the same is to produce a device by which either sash in a window may be moved, the sashes fastened at any position, and, if desired, the shade-roller carried by and moved with the upper sash.

To this end the invention consists in the specific details of construction hereinafter more fully described and claimed, and as illustrated on the accompanying sheet of drawings, wherein—

Figure 1 is an inside elevation of a window with my improved sash-fastener attached. Fig. 2 is a central vertical section thereof, showing the sashes in a different position. Fig. 3 is a perspective detail of one of the upper brackets, and Fig. 4 of one of the adjusting devices with a set-screw slightly removed therefrom.

Referring to the said drawings, the letter U designates the upper, and L the lower, sash of a window, which sashes move in the frame F.

B is a bracket comprising a flat base *b*, secured, as by screws, to the side bar of the upper sash, a forwardly-extending arm *a*, having a longitudinal slot *l*, an offset *o* at the outer end of this arm, and a curtain-fixture *c*, projecting forwardly from the outer end of the offset and adapted to receive the journals at the ends of a shade-roller S, preferably of the spring-actuated type.

R is a rod having a threaded upper end, which passes through the slot *l* in the bracket B, wherein it is adjustably secured by nuts N above and below said bracket, and this rod extends downwardly in front of one of the side bars of the sashes, and preferably has a ring or handle H at its lower end. When this rod is moved vertically, the upper sash may be adjusted in the window-frame, and when the bracket B carries the curtain-fixture *c* there must be one of these devices at each edge of

the window in order to support both ends of the shade-roller. The latter moves as the upper sash is moved, as will be clear.

The letter A designates an adjusting device, which comprises a flat base *b'*, secured, as by screws, to the face of one of the side bars of the lower sash L, a forwardly-projecting boss *f*, having a vertical hole *v* of a size to loosely embrace the rod R and having a threaded opening *t* in its front end, and a thumb-screw T, screwing into said opening.

In use, the bracket B being secured to the upper sash and the adjusting device to the lower sash, the threaded end of the rod R passes upwardly through the hole *v*, the lower nut N put onto said end and the latter passed upwardly through the slot *l* in the bracket, the rod moved longitudinally within said slot to the proper point to allow it to slide freely through the hole *v*, the upper nut N screwed tightly down, so as to clamp the rod in adjusted position in the slot, and the set-screw T seated in the opening *t*. To operate the upper sash, the handle H is grasped and moved vertically, whereby the sash will be correspondingly moved. To operate the lower sash, the head of the thumb-screw T is grasped and moved, and to lock the sashes in any desired adjusted position the thumb-screw T is tightened on the rod.

If this device be used simply as a sash lift and fastener, it may be applied to either side bar or to the central vertical bar of the sashes or there may be one such device on each side bar; but I prefer to have two of the devices, and to provide each bracket B with the offset and curtain-fixture above described. The offset, it will be understood, projects away from the center of the window, so as to carry the curtain-fixture outwardly over the heading which holds the lower sash in place, it being obvious that both the offset and curtain-fixture are held by the arm *a* at a distance from the face of the upper sash slightly greater than the thickness of the lower sash. When the curtain-fixtures are employed, the shafts of the shade-roller S are seated therein and the roller and shade move with the upper sash. The shade may be operated by the ordinary spring-roller or any equivalent roller which

requires no depending operating-cord or similar device, since the latter cannot be attached to the upper sash, because it moves behind the lower.

5 It will thus be seen that my device is a combined sash-lift, sash-fastener, sash-lock, and curtain-fixture for all of the uses of which it is equally applicable and serviceable. The device can be manufactured at a small cost and applied to windows already in use without marring the same and without the addition of any elements thereto. Of course it may be, and preferably is, made in two styles, one with and the other without the offset and curtain-fixture. The parts are preferably of metal, and may be finished by painting, japanning, or nickeling, and the further ornamentation, as well as the relative sizes and proportions of parts, is a matter of fancy rather than moment.

20 What is claimed as new is—

1. As an article of manufacture, a bracket comprising a flat base provided with screw-holes and an arm projecting outwardly from said base and having a longitudinal slot, a rod having a handle at one end and its other end threaded and passed through said slots, nuts on the threaded end above and below said arm, and an adjusting device comprising a base having screw-holes, a boss projecting outwardly therefrom and having a transverse hole loosely embracing said rod and a threaded opening in its outer end, and a set-screw

in said opening, the whole adapted for use as and for the purpose set forth. 35

2. As an article of manufacture, a bracket comprising a base and a longitudinally-slotted arm projecting therefrom, a rod having one threaded end passing through said slot, nuts thereon each side of said arm, and an adjusting device comprising a base, a boss projecting therefrom, and means for clamping said rod adjustably to said boss, the whole adapted for use as and for the purpose set forth. 40

3. In an article of the character described, the combination, with the upper and lower sashes, of brackets secured to the upper ends of the side bars of the upper sash, having arms projecting forwardly therefrom and provided with vertical openings, outwardly-projecting offsets at the ends of said arms, and forwardly-projecting curtain-fixtures at the outer extremities of said offsets, rods depending from said openings, and adjusting devices, substantially as described, carried by the side bars of the lower sash and adjustably engaging said rods, the whole adapted for use as and for the purposes hereinbefore set forth. 45 50 55

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses. 60

FRED. A. BUSE.

Witnesses:

WM. MCGRAW,
A. N. BERNSTEIN.