

M. Judd.

Snaph Fastener.

No. 5,279.

Patented Aug. 4, 1847.

Fig. 1.

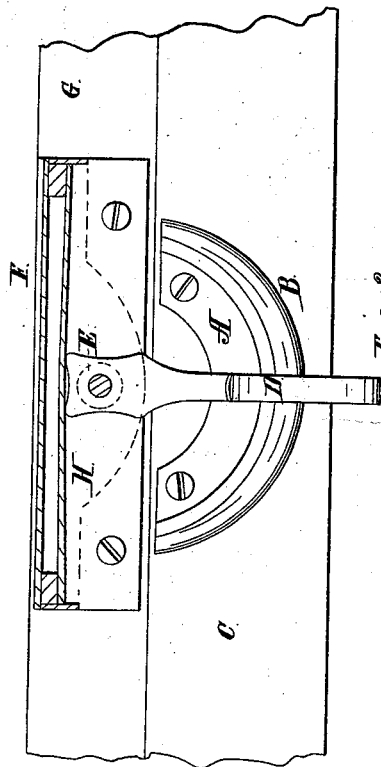
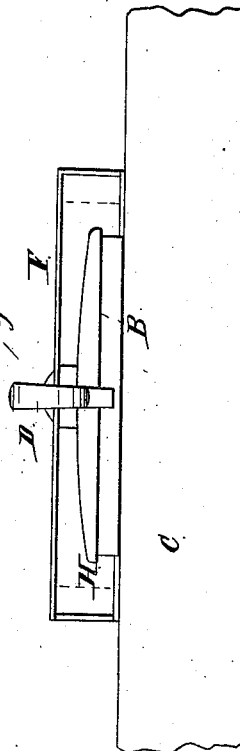


Fig. 2.



UNITED STATES PATENT OFFICE.

MORTON JUDD, OF NEW BRITAIN, CONNECTICUT.

SASH-FASTENER.

Specification of Letters Patent No. 5,279, dated September 4, 1847.

To all whom it may concern:

Be it known that I, MORTON JUDD, of New Britain, Hartford county, and State of Connecticut, have invented a new and useful Improvement in Apparatus for Fastening Window-Sash, which is described as follows, reference being had to the annexed drawings of the same, making part of this specification.

10 The apparatus containing my inventions and improvements consists in a plate A with a convex segment rib B on its outer edge to be attached to the top bar C of the lower sash, and combining the same with a horizontal turning catch D, turning on a vertical axis E, having a groove in the under side of the same corresponding with the shape of the aforesaid segment rib B which fits in the said groove when the catch is turned so as to bring it in contact therewith. Said axis E being arranged in the center (longitudinally) of a metallic box F fastened to the lower bar G of the upper sash—said box having three of its sides made solid and the ends solid or inserted and soldered fast or brazed—the side next the segment rib being open—the ends of which are closed by two blocks having jogs or offsets on the inner sides thereof, against which are placed the two ends of a straight spring bar H arranged between the catch and the back of the box for the purpose of holding the catch in the position in which it is placed, either engaged with, or disengaged from, the aforesaid segment rib—the end of the catch being fluted, or otherwise made and brought in contact with the spring bar at the middle thereof the two ends of said spring bar being allowed to move simultaneously toward or from the center as it is expanded or contracted by the operation of the turning

catch—the bar moving back and forth over said jogs or shoulders the ends of the segment plate being also placed equidistant from the center of the axle so that the catch may be connected with or disengaged from the same by turning or moving it to the right or to the left on its axis a half circle or to any degree required.

What I claim as my invention and desire to secure by Letters Patent, is—

The method of fastening window sash by placing the catch in the center longitudinally of a box, said box having three of its sides and ends closed, the ends having a jog or shoulder upon which a bar or curved spring is arranged against which the end of the turning catch is placed which serves to keep the spring in its place and the spring to secure the catch in the position which it is made to assume without bolts or screws, the catch being thus placed in the center of the box answers the double purpose of securing the spring to its place without the expense of fastening it in the usual way together with the convenience of fastening or unfastening the window by turning the catch either to the right or left—fasteners constructed in this way can be made of sheet metal whereby they can be afforded at one quarter less expense than the ordinary way of casting, and are much stronger, not being mortised for the binding screws that confine the spring to the box and the spring being placed loosely in the box.

In testimony whereof I have hereunto subscribed my name before two witnesses this twenty-fourth day of April, A. D. 1847.

MORTON JUDD.

Witnesses:

WILLIAM P. ELLIOT,
A. E. H. JOHNSON.