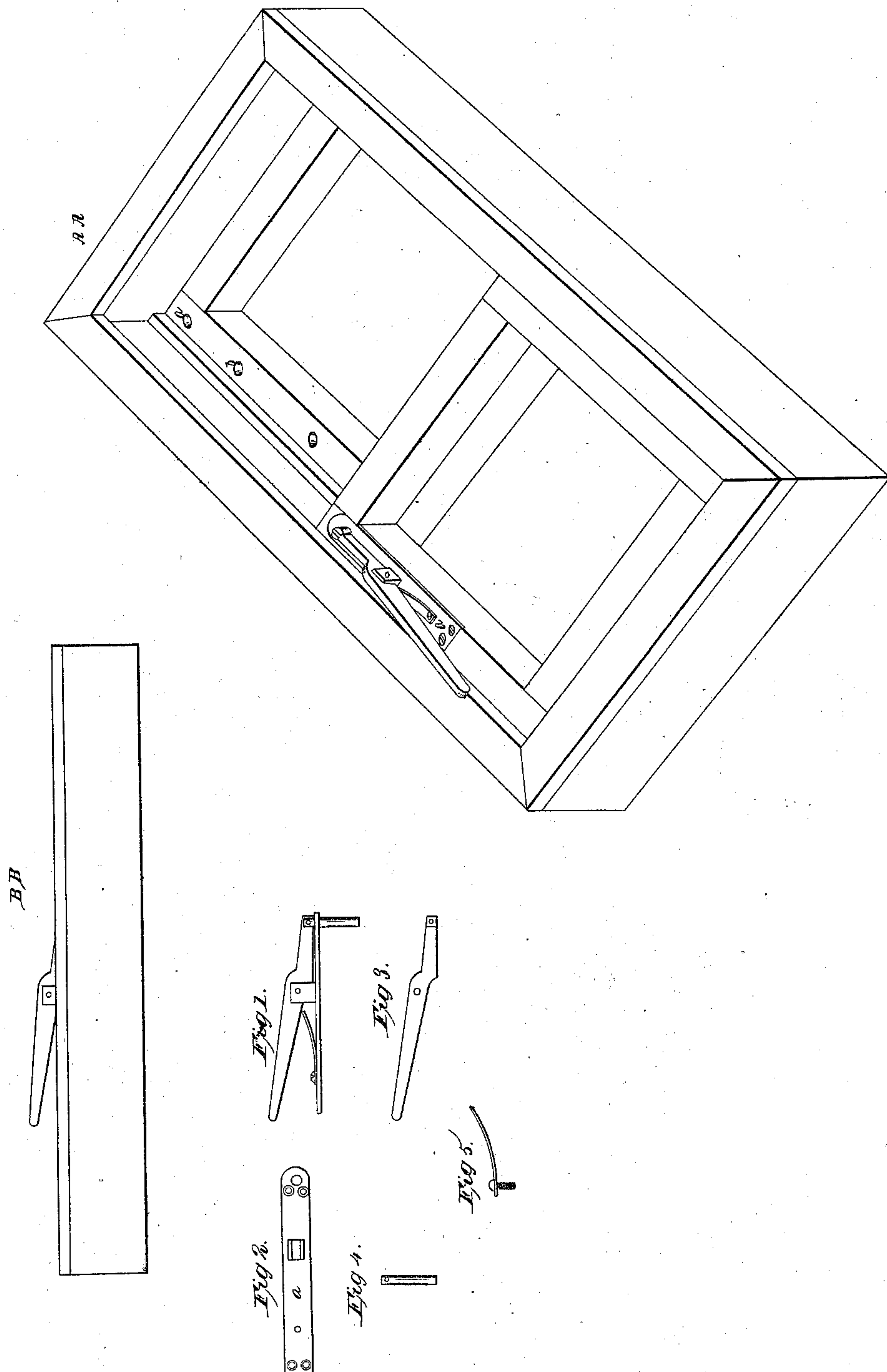


I. Root,
Sash Fastener.

N^o 21,370.

Patented Aug. 31, 1858.



UNITED STATES PATENT OFFICE.

IRVING ROOT, OF AUSTIN, TEXAS.

WINDOW-FASTENER.

Specification of Letters Patent No. 21,370, dated August 31, 1858.

To all whom it may concern:

Be it known that I, IRVING ROOT, a native of the United States of America, a resident citizen of the city of Austin, in Travis county, in the State of Texas, have invented a new and useful Spring for Fastening Sliding Windows; and I declare that the following is a full and exact description of the construction and operation of same, reference being had to the accompanying drawing, which is made a part of this specification, in which—

A A is a perspective view.

B B is a side view.

Figure 1 is the window fastening complete. Fig. 2 plate and cross section. Fig. 3 the handle or lever side view. Fig. 4 bolt. Fig. 5 the spring.

"a" represents the plate to be screwed upon the lower side rail.

1 represents the fulcrum with a lever and a bolt attached to the fulcrum which is a round cylinder to fit the holes or tubes in the upper rail, which holes are only bored half through the corresponding side rail of

the upper sash Fig. 4. "a" and "b" in perspective view represent these tubes.

To prevent friction the upper rail is grooved and plated. Plates must be inserted in the thimbles to resist gimlets from without; the thimbles to be at the respective distances of the window lights.

The sash may be fastened when sliding downward from the upper part of window or when sliding upward from the lower part of window. To realize the full benefits of the fastener each sash must be made sliding.

What I claim and desire to secure Letters Patent for is—

The plate and thimbles, the groove, the spring plate and cylinder construction and operating in the manner herein specified. (See their drawing, marked I. Root, window fastener.)

IRVING ROOT.

Witnesses:

JNO. A. GREEN,

J. THOMPSON HALLETT.