

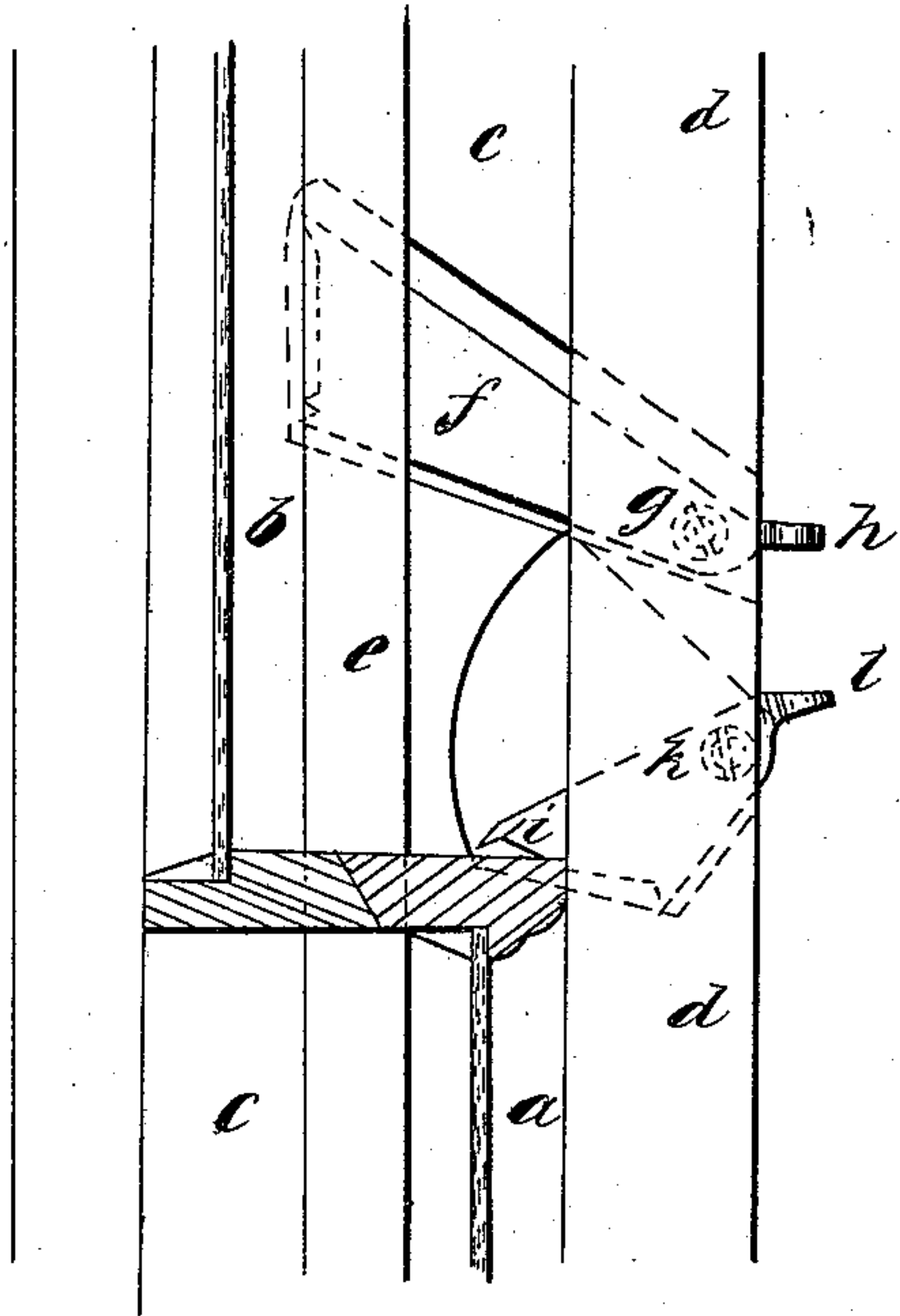
*E. A. Campbell,*

*Sash Fastener.*

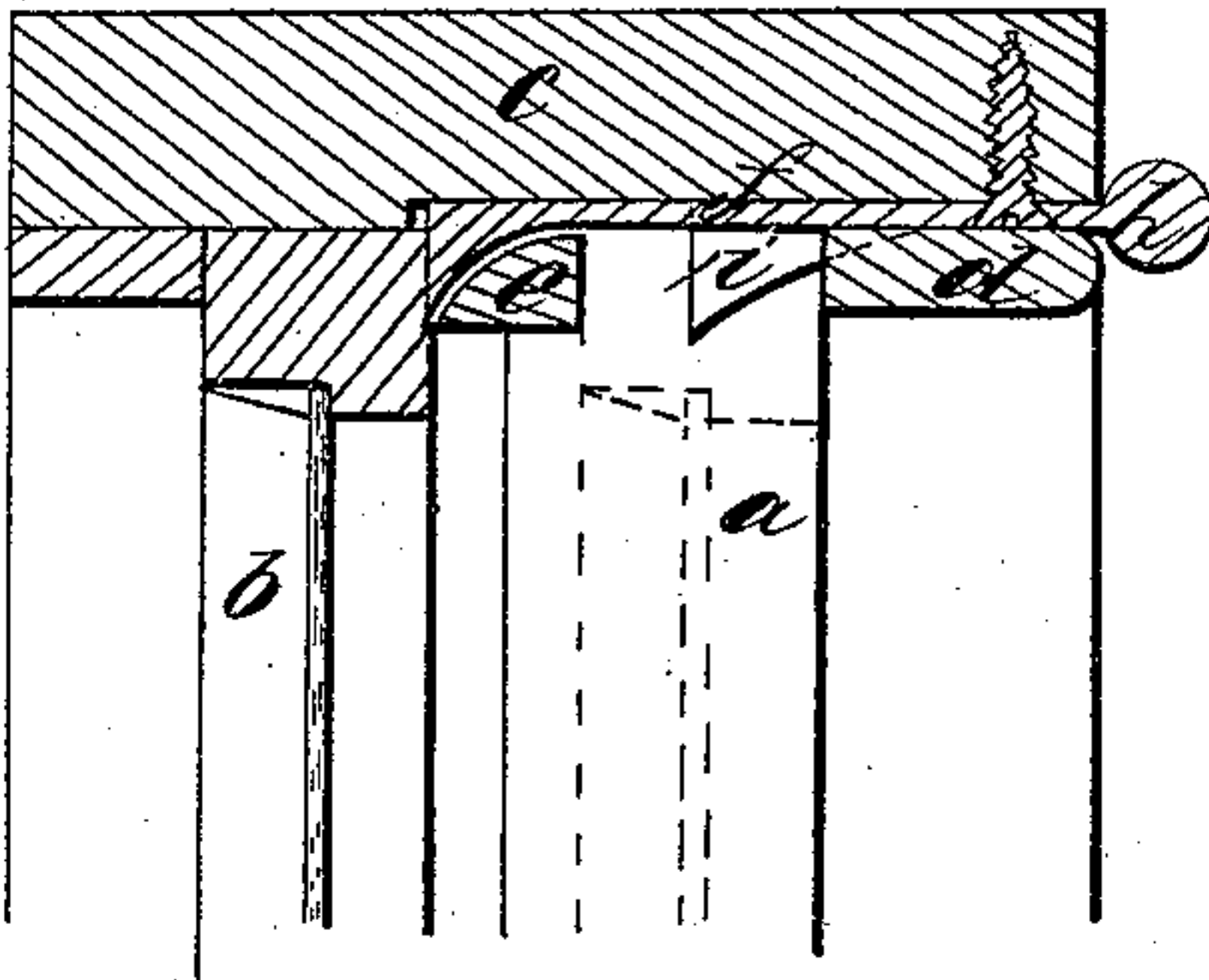
*N<sup>o</sup> 55,057.*

*Patented May 29, 1866.*

*Fig: 1.*



*Fig: 2.*



*Witnesses:*

*Wm Geo Howell*

*Chas H Smith*

*Inventor:*

*E. A. Campbell*

# UNITED STATES PATENT OFFICE.

E. A. CAMPBELL, OF WILLIAMS BRIDGE, NEW YORK.

## IMPROVEMENT IN SASH-SUPPORTERS.

Specification forming part of Letters Patent No. 55,057, dated May 29, 1866.

*To all whom it may concern:*

Be it known that I, EDWARD A. CAMPBELL, of Williams Bridge, in the county of Westchester and State of New York, have invented, made, and applied to use a certain new and useful Improvement in Sash-Supporters; and I do hereby declare the following to be a full, clear, and exact description of the said invention, reference being had to the annexed drawings, making part of this specification, wherein—

Figure 1 is a section of the sashes near the meeting-rails, showing my improved supporters in place, and Fig. 2 is a sectional plan of the casing and supporter.

Similar letters denote the same parts.

Sash-supporters have heretofore been made in the form of a double pawl upon the sash taking the casing, and the reverse, and cam-shaped supporters have also been employed.

The nature of my said invention consists in lever sash-supporters formed with wide ends and thin body portions, that are to be let into recesses in the side of the window-casing and secured by fulcrum-screws. The wide ends of such levers, taking against the inner surfaces of the sashes, support the same.

By this construction the supporter presses the window-sash tightly against the outer portions of the slides in the casings, and sustains the same by friction at any point to which it may be raised, and the supporter itself is almost entirely hid from view.

In the drawings, *a* represents a portion of the lower sash, and *b* of the upper sash, *c* the window-casing, and *d* the molding holding the sash in place. *f* is my supporter for the upper and outer sash, passing behind the moldings *d* and *e* in a recess formed in the casing. *g* is the fulcrum-screw, and *h* the thumb-piece at the end projecting beyond the molding *d*. The end of the supporter *f* that comes in contact with the sash is made wide, as seen in Fig. 2, so as to bear against sufficient of the surface of the sash to prevent the weight causing the end of the supporter to embed itself in the wood. The supporter *i* for the lower sash is made the same as the supporter *f*, only shorter. It is set upon the fulcrum-screw *h* and provided with the thumb-piece *l*. When the lower sash, *a*, is closed the supporter *i* falls over the same in the position shown in Fig. 1, and acts as a fastener to the same.

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

The lever sash-supporters *f* and *i*, formed with their ends wide, in the manner shown, so as to be fitted upon fulcrum-screws in recesses in the casing beneath the molding, as and for the purposes set forth.

In witness whereof I have hereunto set my signature.

E. A. CAMPBELL.

Witnesses:

GEO. D. WALKER,  
THOS. GEO. HAROLD.