

C. L. S. Walker.

Window Screen.

N^o 56,128.

Patented Jul. 3, 1866.

Fig. 1.

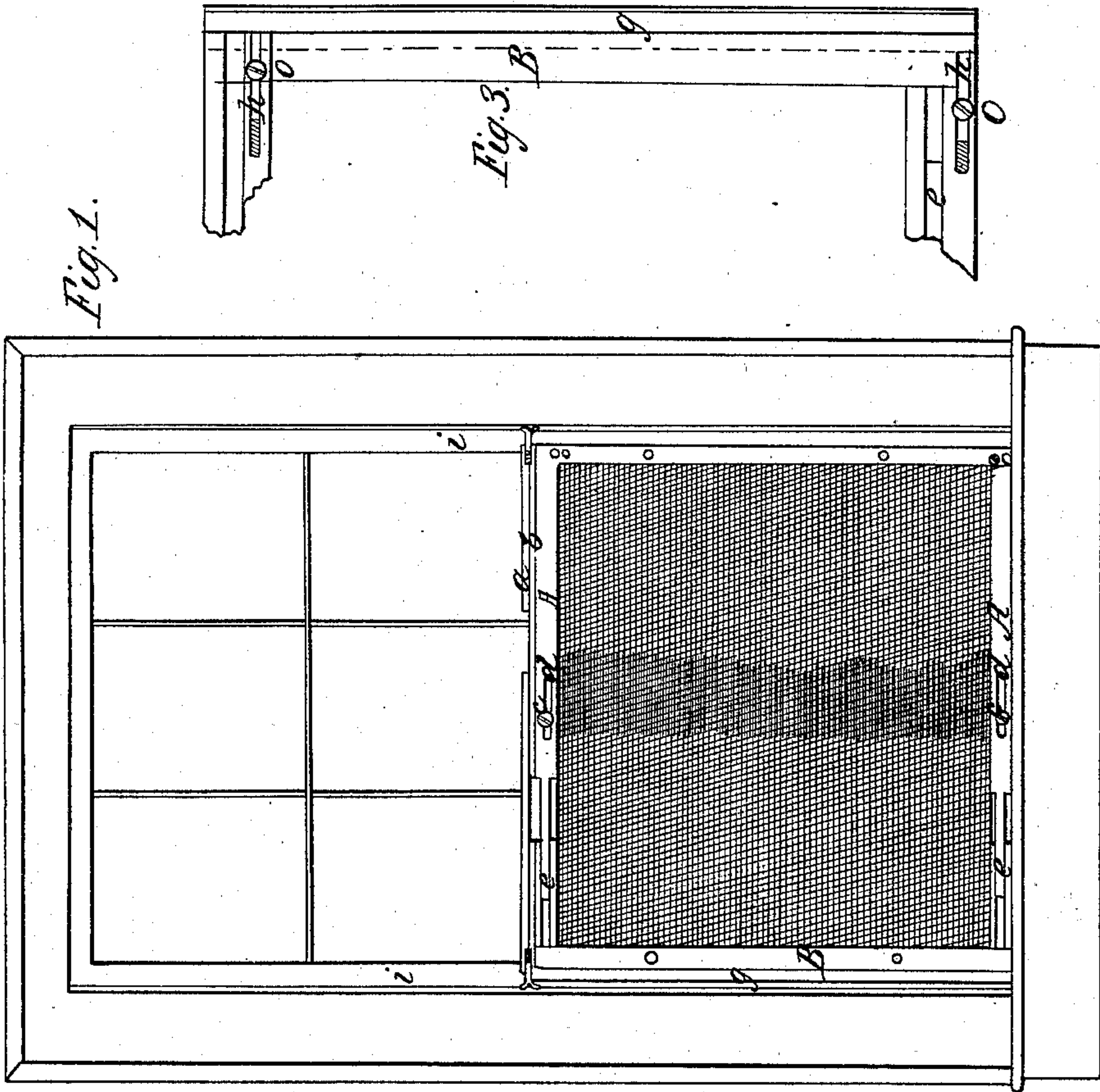


Fig. 3. B

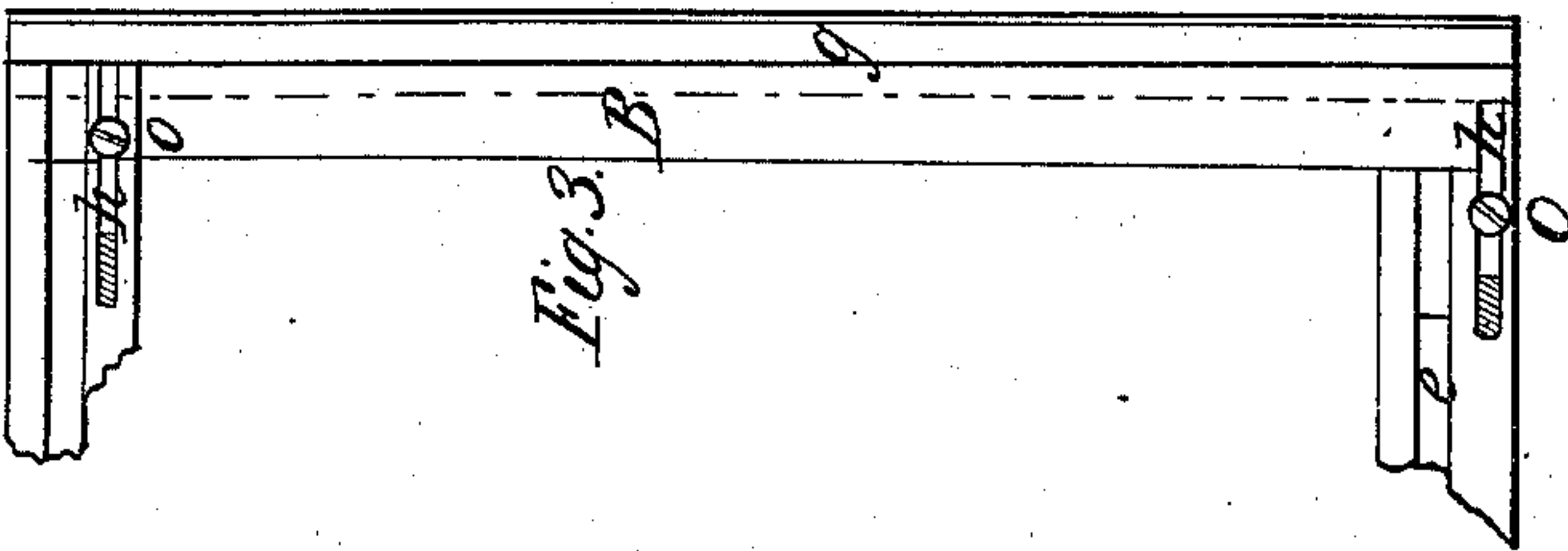


Fig. 4.

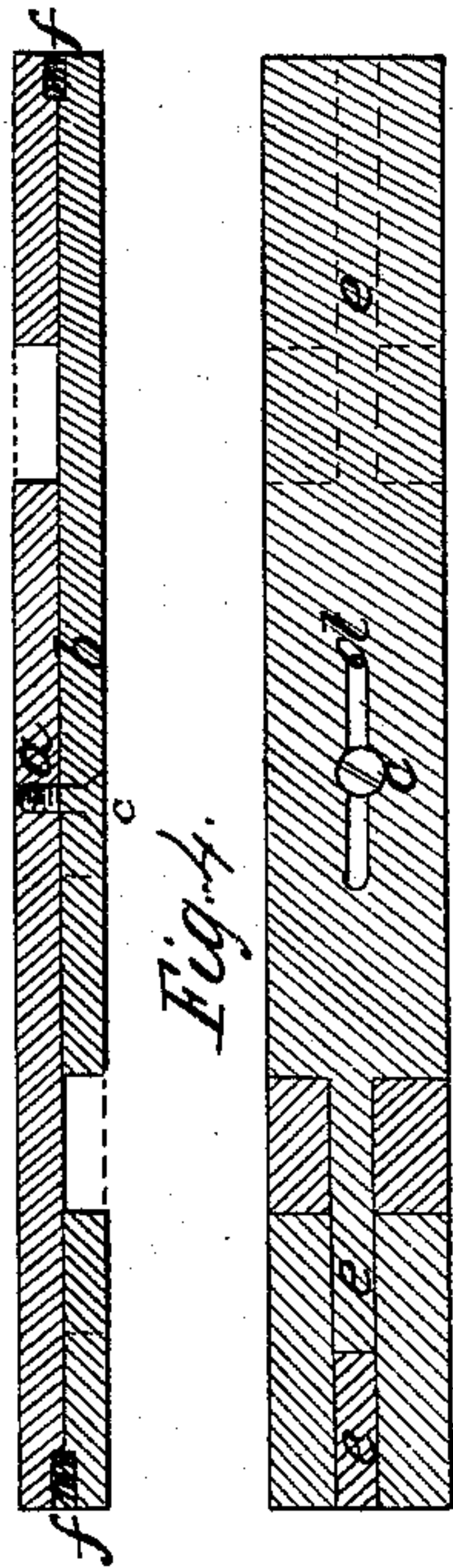
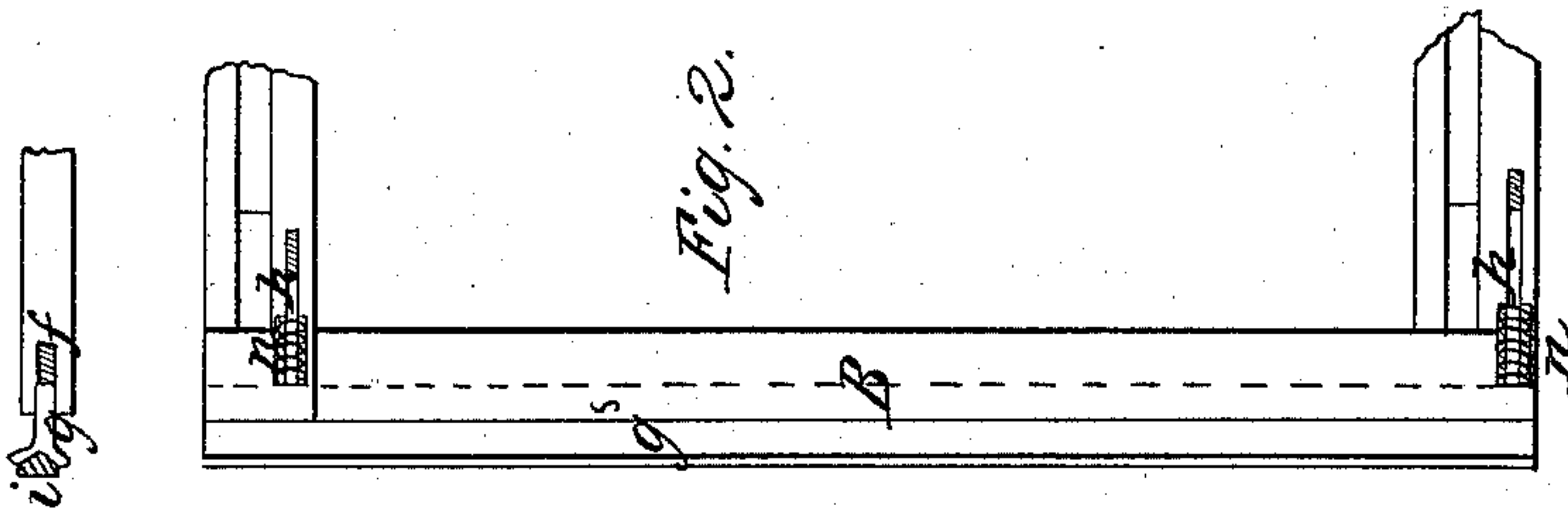


Fig. 2.



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UNITED STATES PATENT OFFICE.

CHAUNCEY L. S. WALKER, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN MOSQUITO-BARS.

Specification forming part of Letters Patent No. 56,128, dated July 3, 1866.

To all whom it may concern:

Be it known that I, CHAUNCEY L. S. WALKER, of the city of Newark, in the county of Essex and State of New Jersey, have invented certain Improvements in Mosquito-Bars; and I do hereby declare the following to be a full and exact description of the same, reference being herein had to the drawings accompanying this specification, and which make part of the same.

The nature of my invention consists in an adjustable frame, fitting window and door frames of differing widths, and in the manner of attaching thereto the netting, of either iron wire or cloth.

In the accompanying drawings, Figure 1 is the frame and bar complete. Fig. 2 shows adjustable end piece with springs; Fig. 3, the other end piece without springs and with set-screws; Fig. 4, the top and bottom extension-bar.

The same letters refer to the same parts in each figure.

The whole frame is constructed with two thicknesses of stuff, *a b*, screwed together, the netting being secured and held between the pieces. The top and bottom rails, *A*, have their two parts held together by the set-screws *c*, and a slot, *d*, in the front part allows of extensions and contractions in width of the frame, a tongue

and groove at one end, on either side, guiding and keeping them in line. (See *e*.) In the end rails, *B*, a groove, *f*, is made, into which the strips *g* fit, being held and guided by the rods *h*, that are fast to the strips at one end and enter holes bored in the upper and lower rails, moving freely therein. A strip, *i*, is fastened to the window-frame, to which the outer edge of the strips *g* are fitted to slide thereon.

Upon the rods *h*, on one side, springs *n* are put, and on the rods on the other side the set-screws *o* press and keep the piece *g* stationary, to provide for irregularities of width in the window-frames and to retain the bar in the place it is put.

The netting or wire-cloth is doubled in the middle when put in the frames, to admit extension and contraction of the same.

I claim—

1. The frame adjustable by the slots *a* and screws *e*, in combination with the wire-cloth upon both parts of the frame, as herein specified.

2. The strips *g*, constructed and combined with the frame in the manner and for the purpose set forth.

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