

(No Model.)

F. T. CLADEK.
DOOR SECURER.

No. 379,002.

Patented Mar. 6, 1888.

Fig: 1.

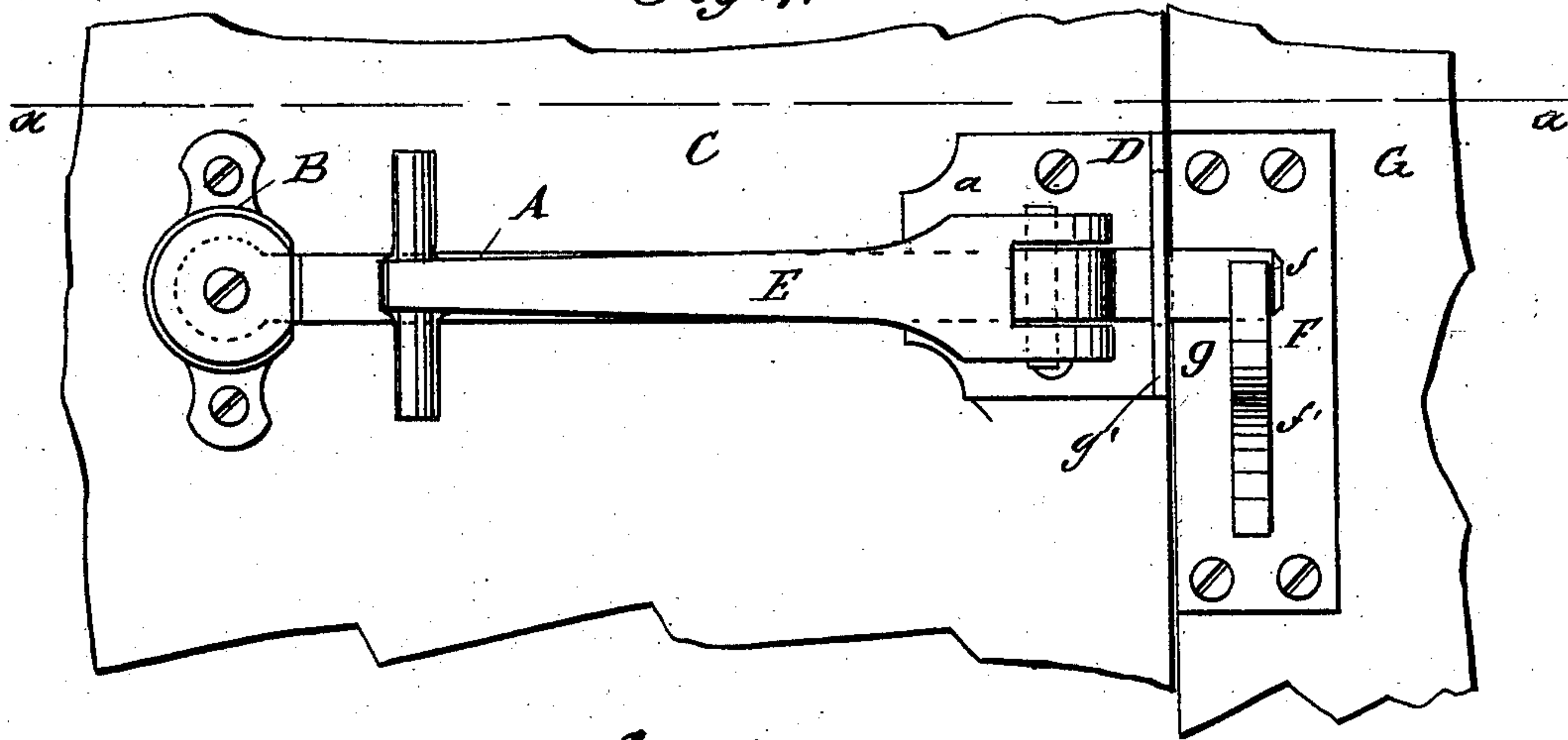


Fig: 2.

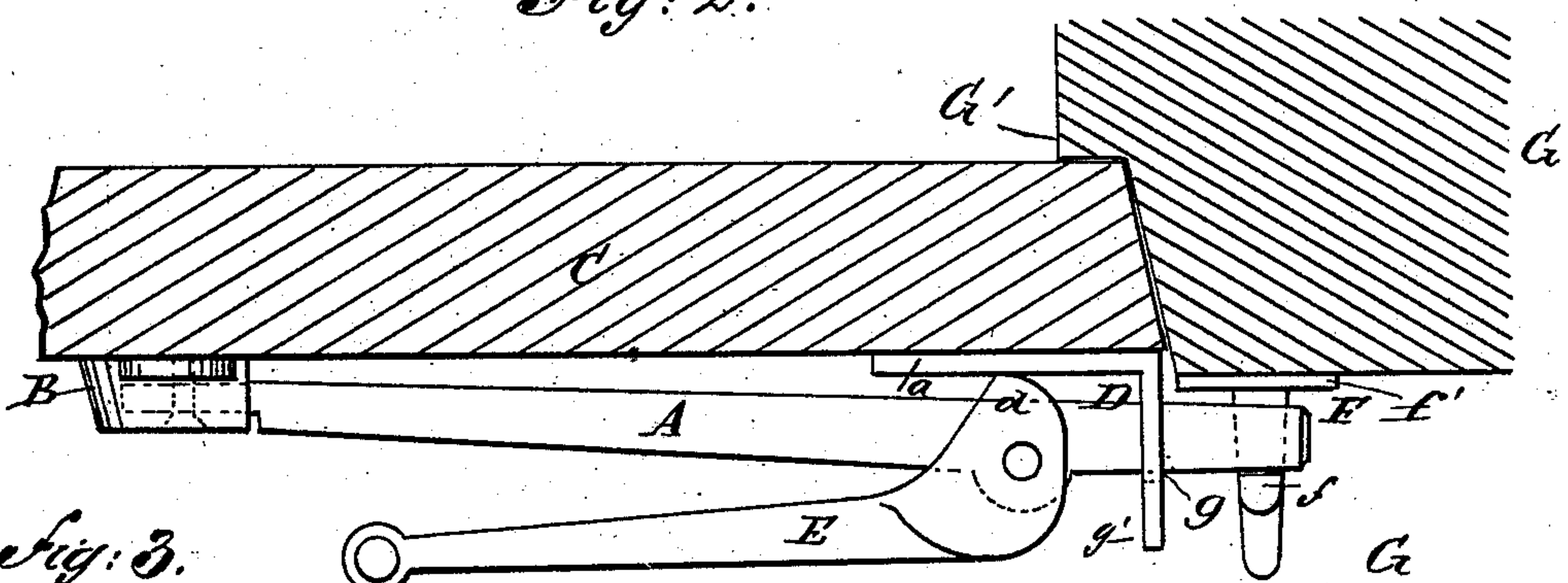


Fig: 3.

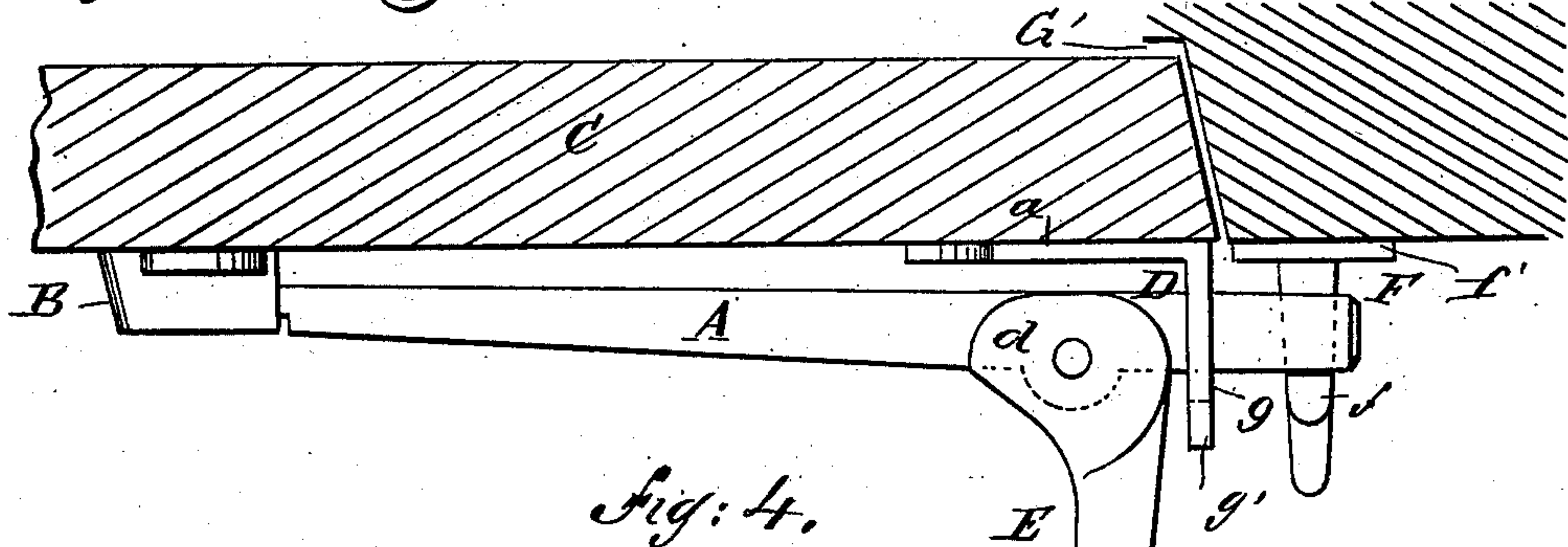
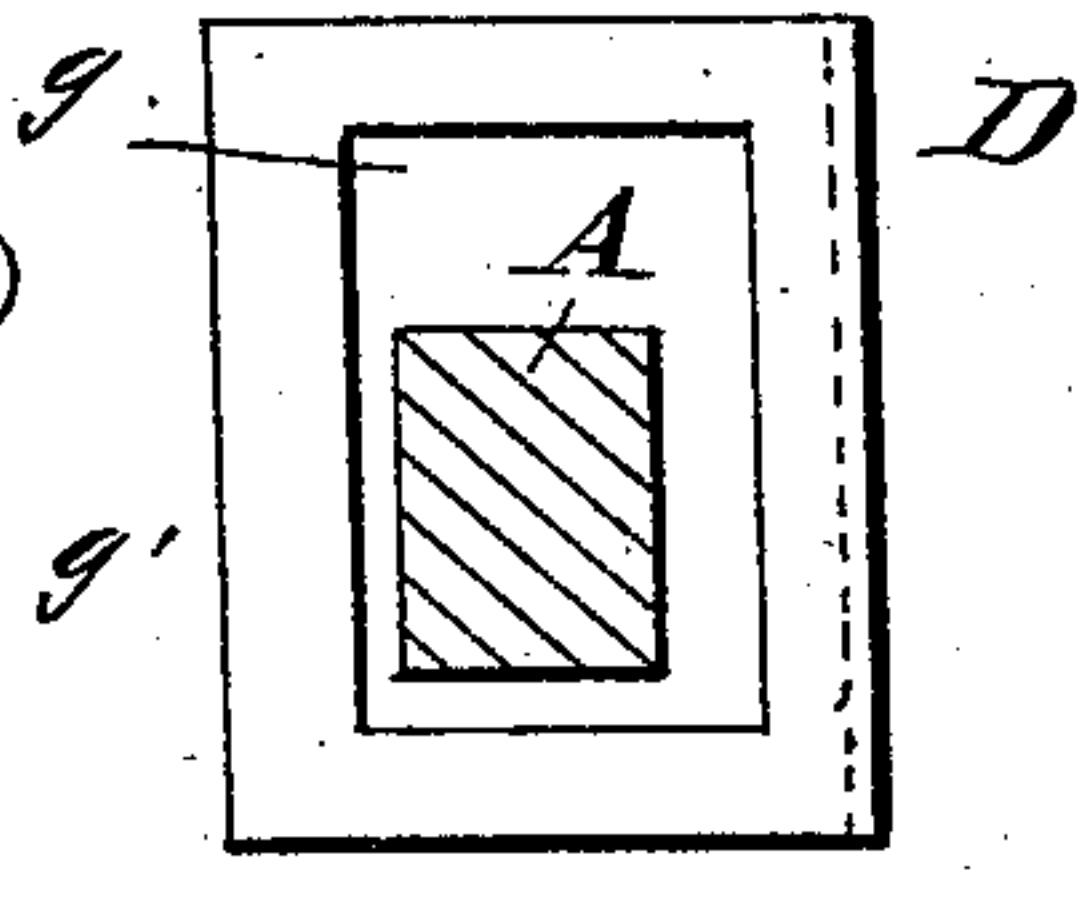


Fig: 4.

WITNESSES:

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FRANK T. CLADEK, OF RAHWAY, NEW JERSEY.

DOOR-SECURER.

SPECIFICATION forming part of Letters Patent No. 379,002, dated March 6, 1888.

Application filed August 31, 1887. Serial No. 248,370. (No model.)

To all whom it may concern:

Be it known that I, FRANK T. CLADEK, of Rahway, in the county of Union and State of New Jersey, have invented a new and Improved Door-Securer, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a front elevation of my new and improved door-securer applied to a door. Fig. 2 is a sectional plan view of the same, taken on the line *x x* of Fig. 1. Fig. 3 is a similar view showing the cam-levers swung outward for releasing the door, and Fig. 4 is a detailed view of the angle-plate and latch.

The invention consists in the combination, with a pivoted latch, of a pivoted cam-lever arranged to act upon the door for closing it tightly after the latch has engaged with the keeper upon the door-frame.

A represents a latch pivoted to the plate B, which is secured to the door C. The latch is retained at the edge of the door by the retaining angle-plate D, which is extended at *a* to form a friction-plate for the cam *d* of the lever E, pivoted to the latch A.

F is the keeper secured to the door-frame G. The projection *f* of the keeper is secured to or made a part of the plate *f'*, and the space from the inner face of the said projection to the plate is somewhat greater than the thickness of the latch A, and this excess of space is greater than

the space between the inner surface of the door C and the offset *G'* of the door-casing when the outer surface of the door stands flush with the outer surface of the casing G, and the opening *g* in the outwardly-projecting frame *g'* of the plate D is of greater width than the thickness of the latch A, so that said frame will not bind the door when the lever E is operated for closing the door tightly.

The operation of the latch and lever will be clearly understood from the drawings, and it will be seen that the lever E serves two purposes—first, that of closing the door tightly, and, second, that of a convenient handle for lifting the latch and for opening the door.

The device is designed more particularly for refrigerator doors; but it may be used to advantage in various other situations.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination, with the pivoted latch-bar A and keeper F, of the lever E, pivoted to the latch and formed with the cam *d*, substantially as and for the purposes described.

2. The angle-plate D, having the apertured frame *g* and friction-plate *a*, the keeper F, and the pivoted latch A, in combination with the lever E, pivoted to the latch and formed with the cam *d*, substantially as described.

FRANK T. CLADEK.

Witnesses:

WILLIAM TOOKER,
LARS JAKOBSEN.