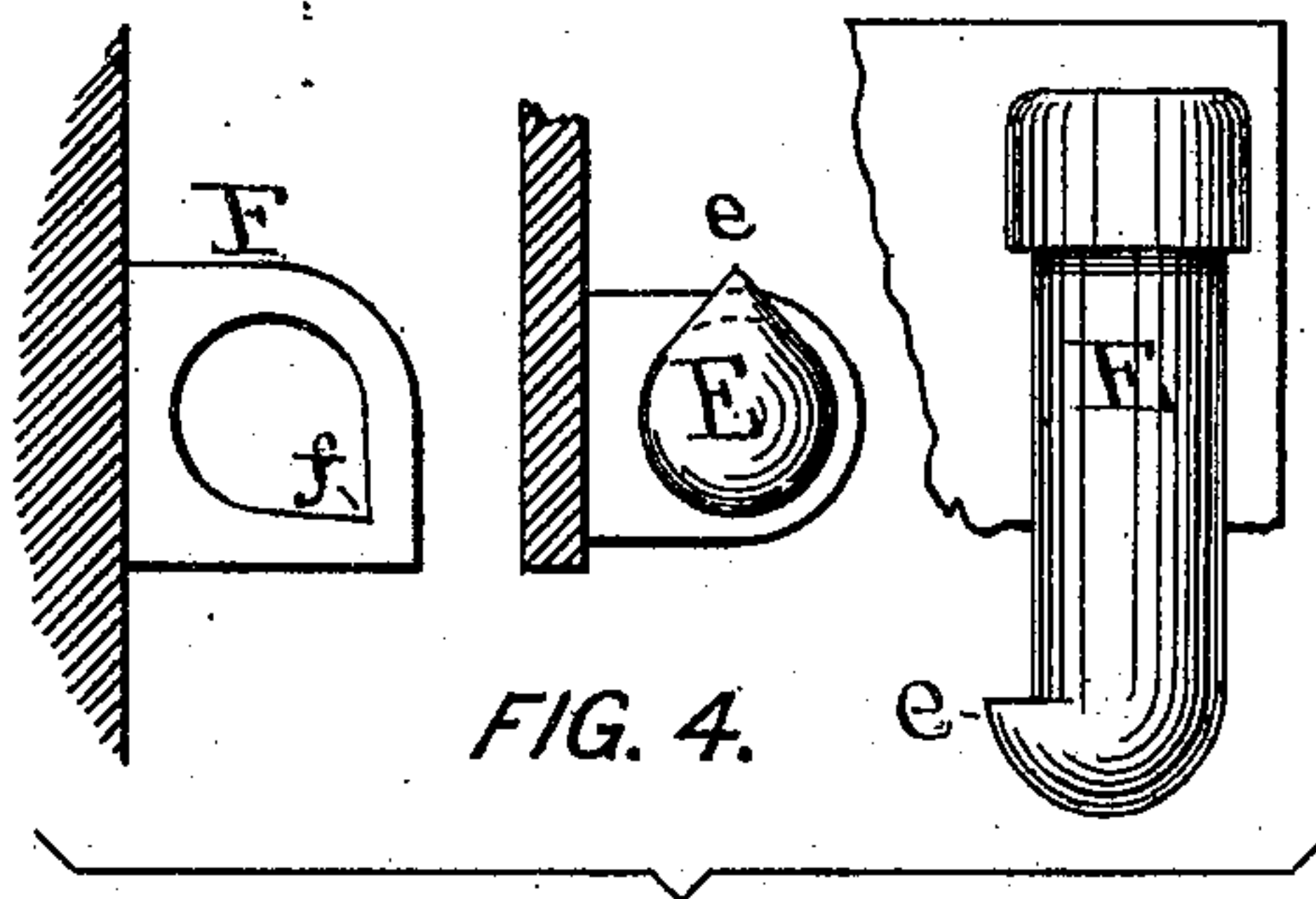
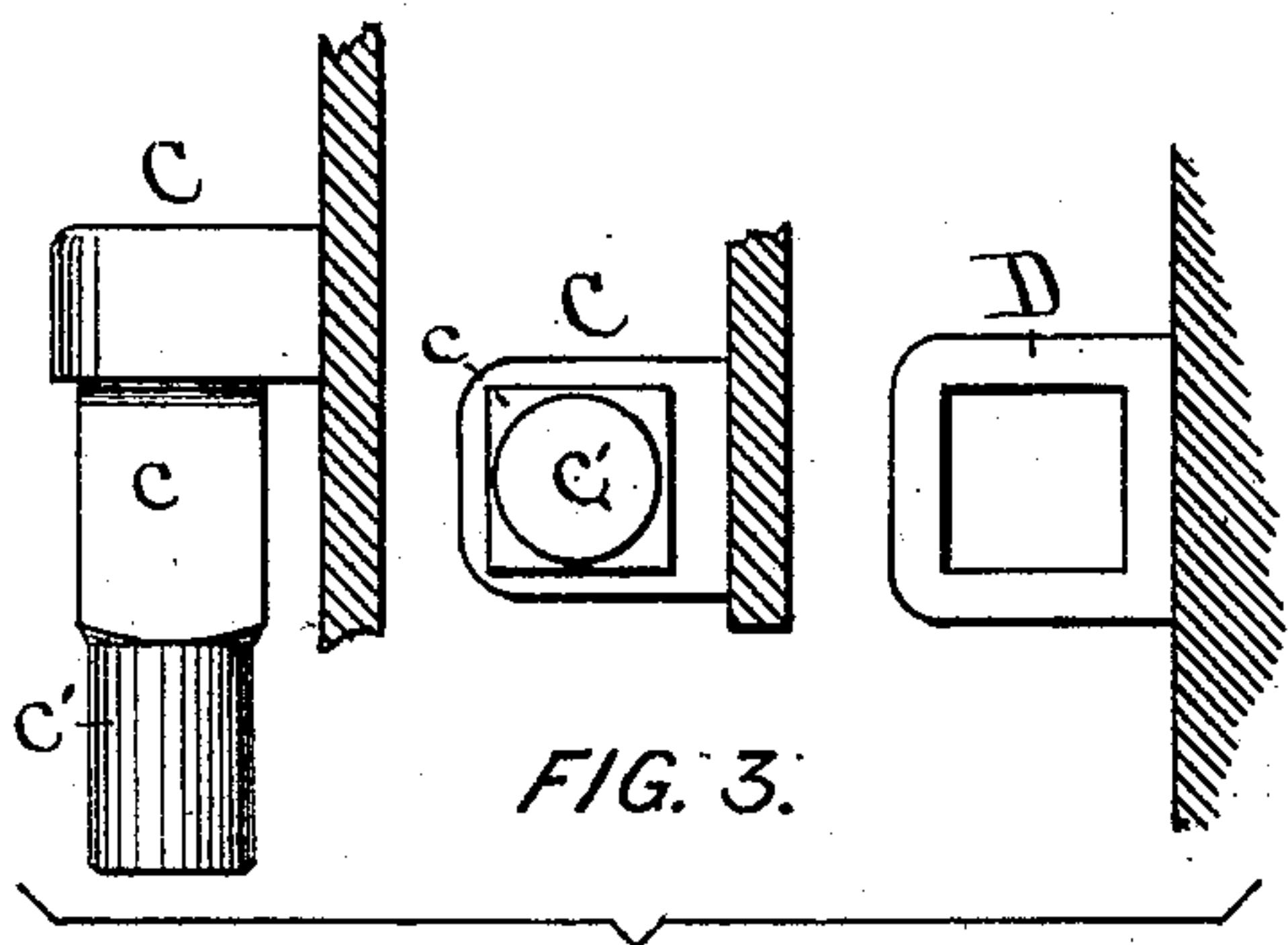
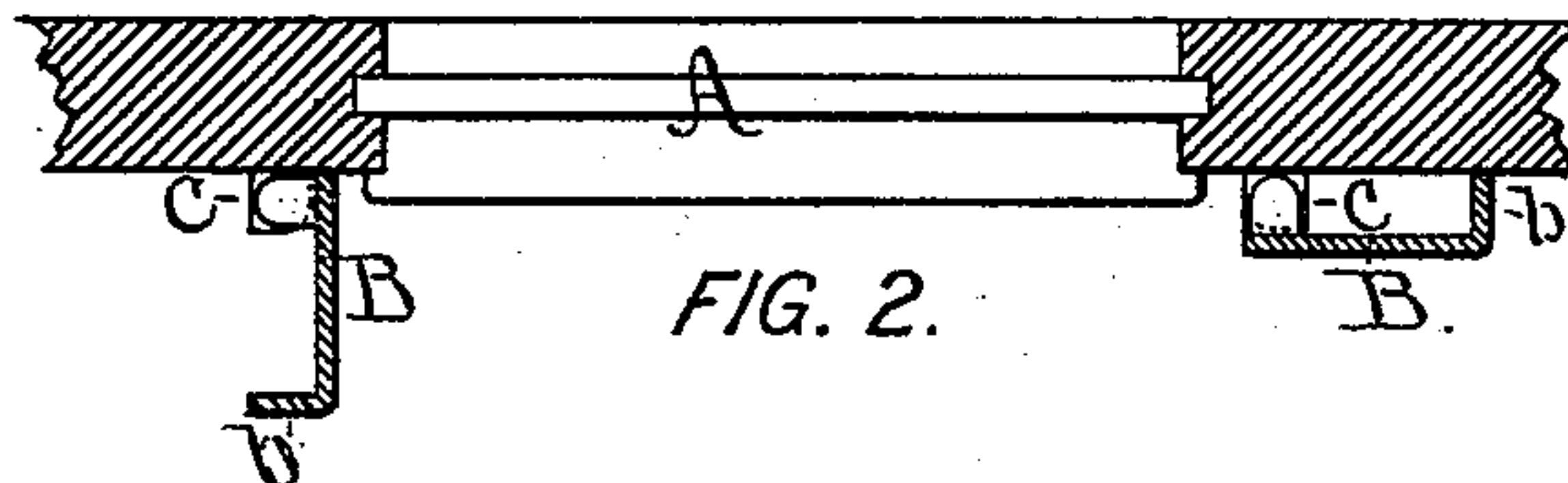
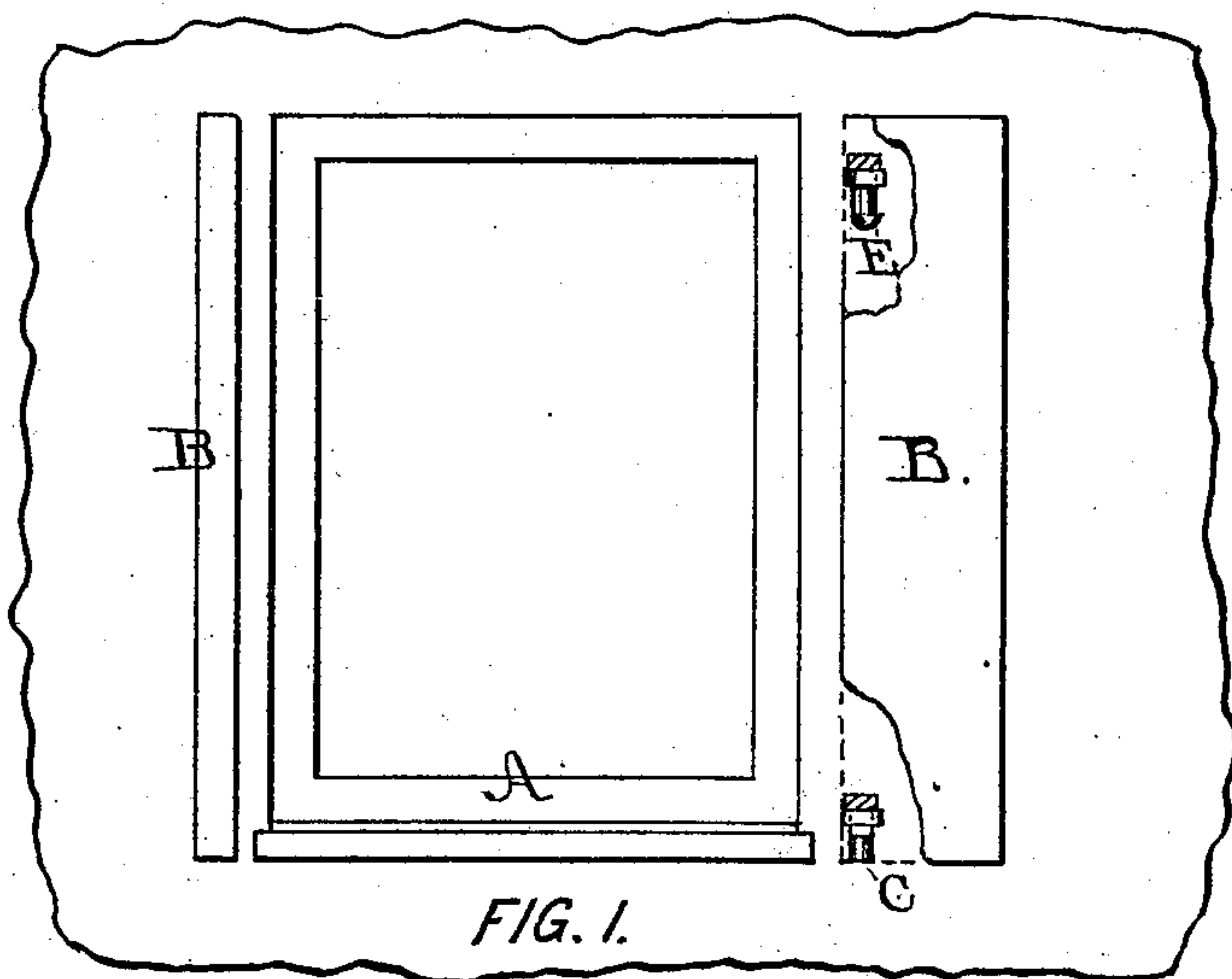


J. H. REYNOLDS.
Dust-Guard for Car-Window.

No. 211,523.

Patented Jan. 21, 1879.



Witnesses,

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Inventor,

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~by~
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UNITED STATES PATENT OFFICE.

JOHN H. REYNOLDS, OF TROY, NEW YORK.

IMPROVEMENT IN DUST-GUARDS FOR CAR-WINDOWS.

Specification forming part of Letters Patent No. **211,523**, dated January 21, 1879; application filed October 24, 1878.

To all whom it may concern:

Be it known that I, JOHN H. REYNOLDS, of Troy, in the county of Rensselaer and State of New York, have invented certain new and useful Improvements in Dust-Guards for Car-Windows, of which the following is a full and exact description, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents a side elevation of a window with one guard in an extended position and the other thrown back; Fig. 2, a horizontal section of the same; Fig. 3, enlarged details of the lower pintle and socket; and Fig. 4, enlarged details of the upper pintle and socket.

My invention consists of a dust-guard for car-windows provided with pintles, constructed as herein shown and described, which serve as hinges on which the guard turns, and as fastenings for securing the guard either in an extended or closed position.

As shown in the drawings, A is a car-window, which may be made of any desired shape or size; B, the dust-guard, which I preferably make with a flange, *b*, extending backward from its outer edge, for the purpose of deflecting the dust downward.

On the back of the guard and near its bottom is secured the pintle C, whose upper part, *c*, has a cross-section, of rectangular or other suitable form, for locking the guard in either an extended or closed position, its lower part, *c'*, being rounded to admit of its being used as a hinge, as hereinafter described.

The socket D is made to conform to the upper part, *c*, of the pintle C, which should fit it snugly.

The pintle E is secured to the guard near its top and in line with the lower pintle. Its cross-section is circular, and it has a projecting stop, *e*, at its lower end, which prevents the guard from being lifted from its sockets, except in the manner hereinafter described. Its socket F is made in the form shown to fit the pintle E, which turns like a hinge therein.

Arranged at one side, preferably at an angle of forty-five degrees to the side of the car,

is a groove, *f*, through which the projecting stop *e* will pass when the guard is brought to the right position for that purpose.

The sockets D and E are inserted in the side of the car, near the windows, and in such manner that they will hold the rear edge of the guard when extended to a close joint with the side of the car.

When it is required to turn the guard, either to extend or close it, it must be raised until the square part *c* of the pintle C is raised clear from the socket D, the projecting stop *e* of the upper pintle preventing the guard from being raised beyond the rounded part of the lower pintle. When so raised the guard may be turned as if hung on hinges.

To remove the guard from its sockets it must be turned until the projecting stop coincides with the groove *f* of the socket E, when the pintles may be slipped upward out of their sockets, leaving the guard free.

I claim as my invention—

1. The dust-guard B, provided with one or more pintles, C, made in two sections, as described, the upper section, *c*, of said pintle being adapted, as herein set forth, to lock into the socket D, to secure the dust-guard either in line with the side of the car or at right angles thereto, the lower section, *c'*, of said pintle being rounded to form (when the guard B is raised) a hinge with the socket D, upon which the guard may be turned, as herein specified.

2. The combination, with the dust-guard B and pintle E, provided with a projecting stop, *e*, of the socket F, provided with a groove, *f*, as and for the purpose herein specified.

3. The combination of the dust-guard B, pintle C, having a square section, *c*, and a round section, *c'*, and the pintle E, having a projecting stop, *e*, with the square socket D and socket F, provided with the groove *f*, all being constructed and arranged to operate as herein specified.

JOHN H. REYNOLDS.

Witnesses:

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