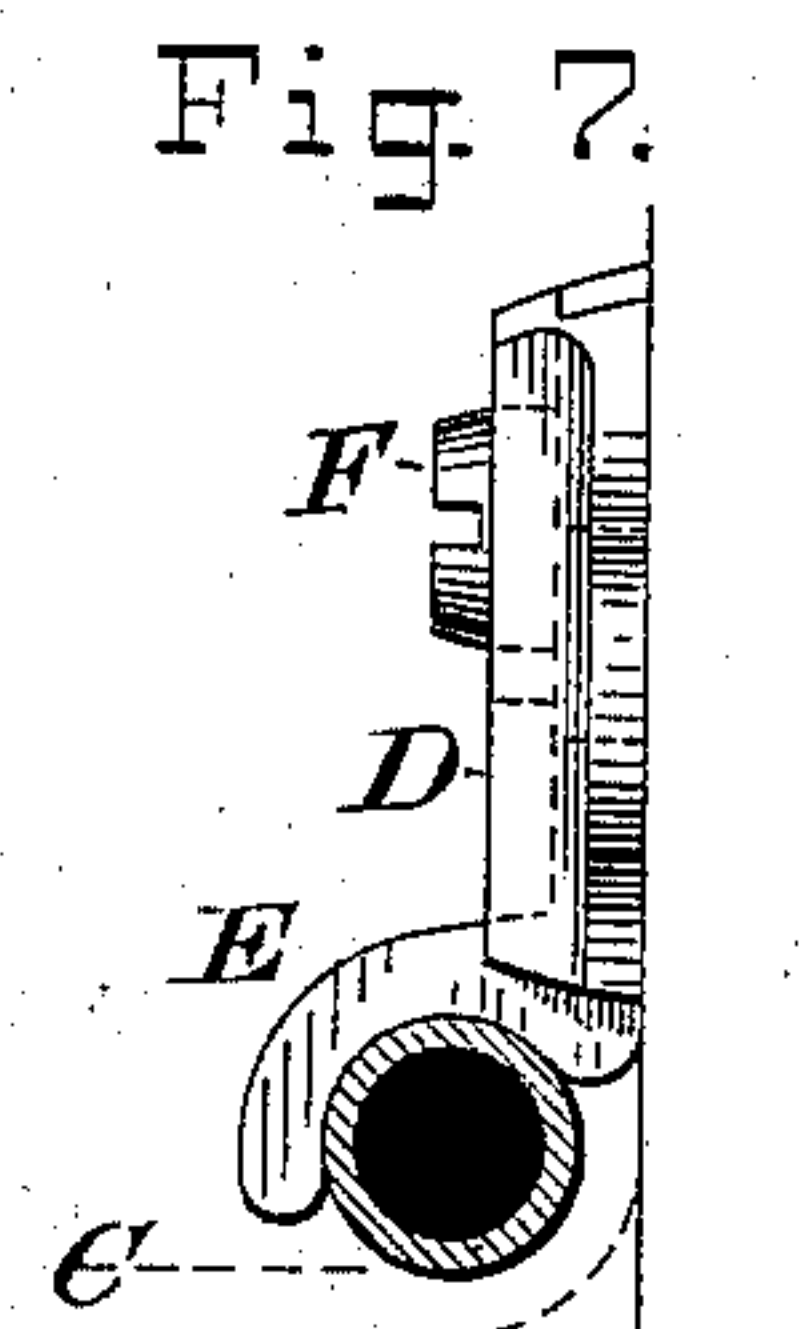
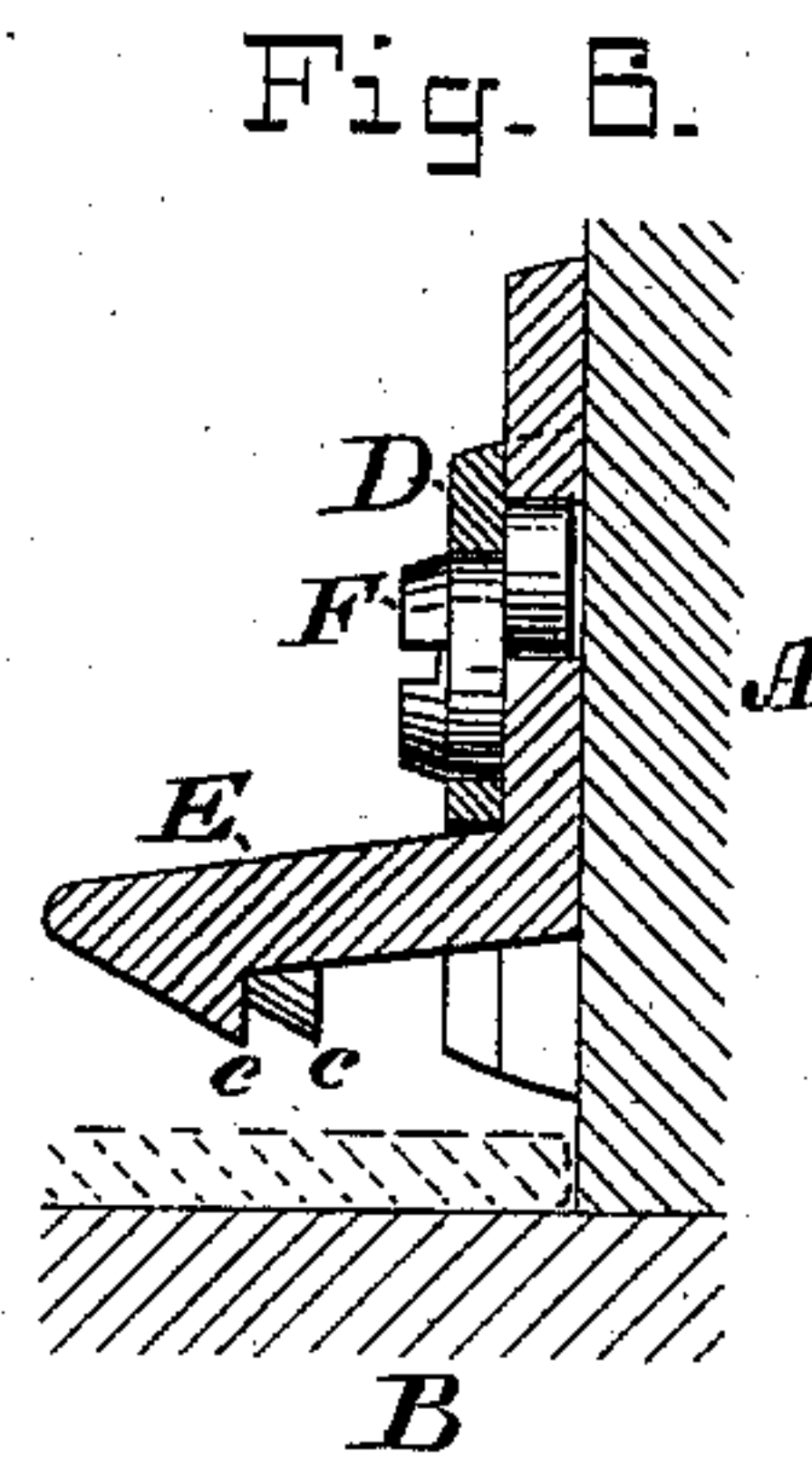
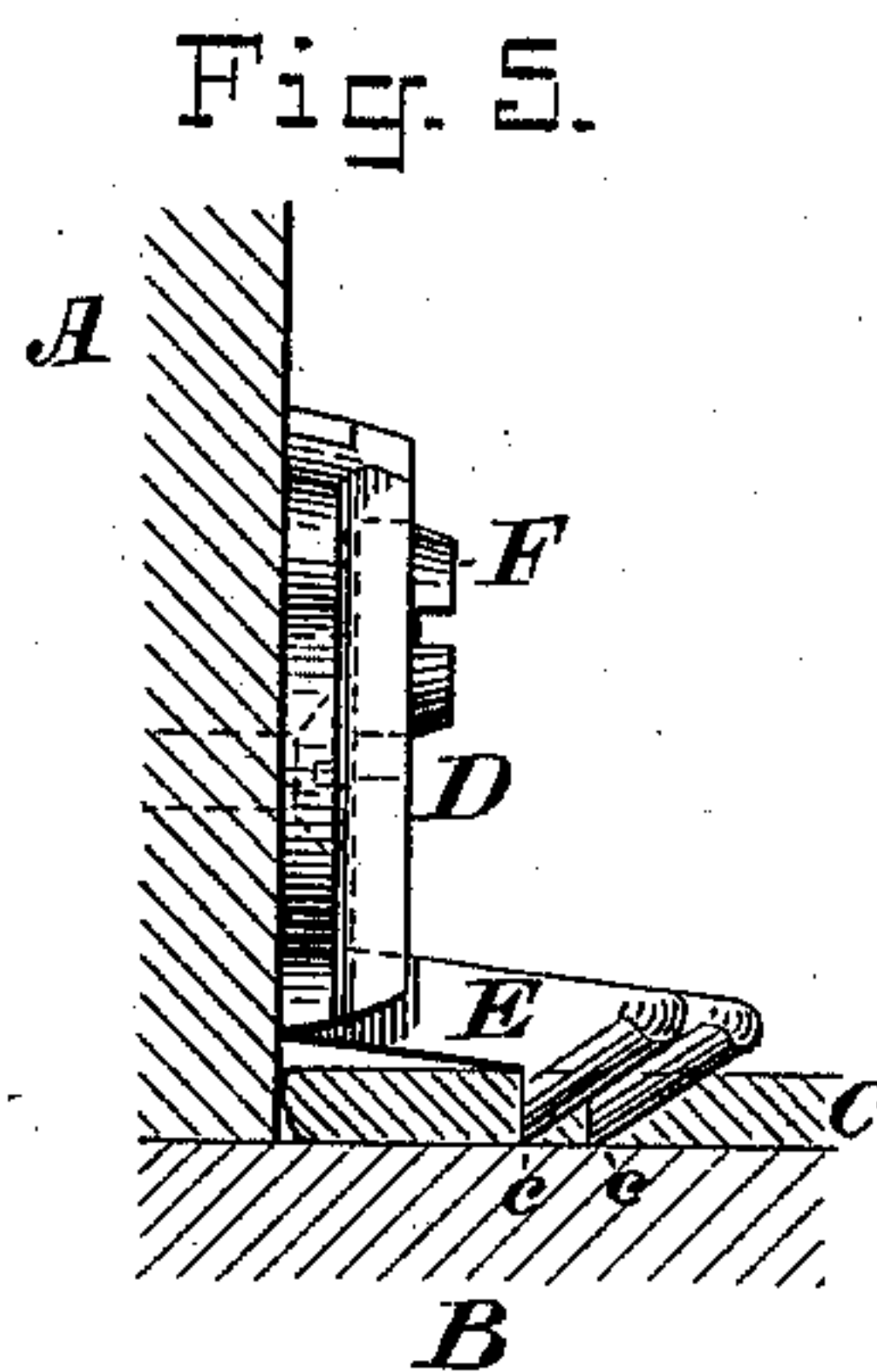
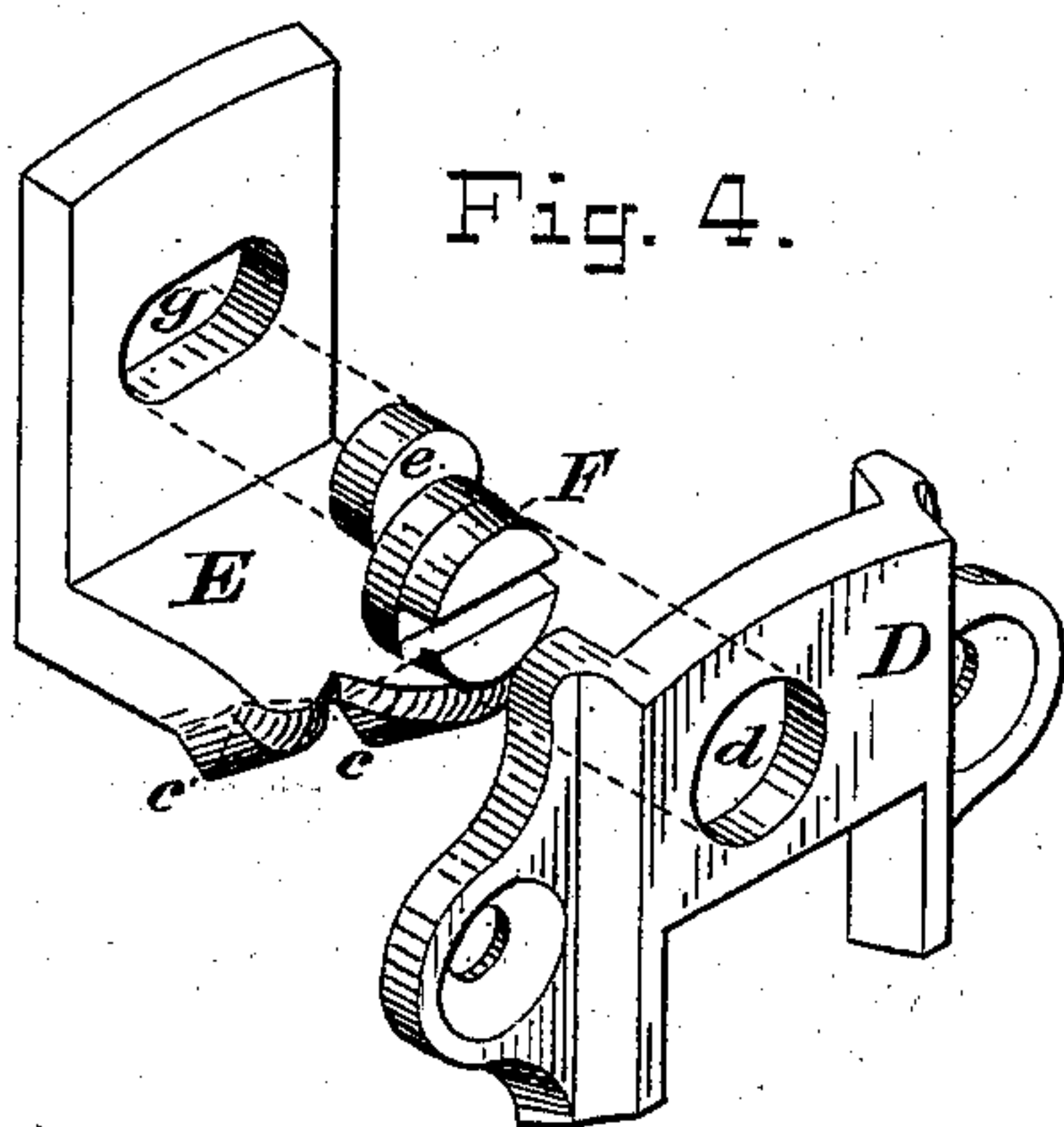
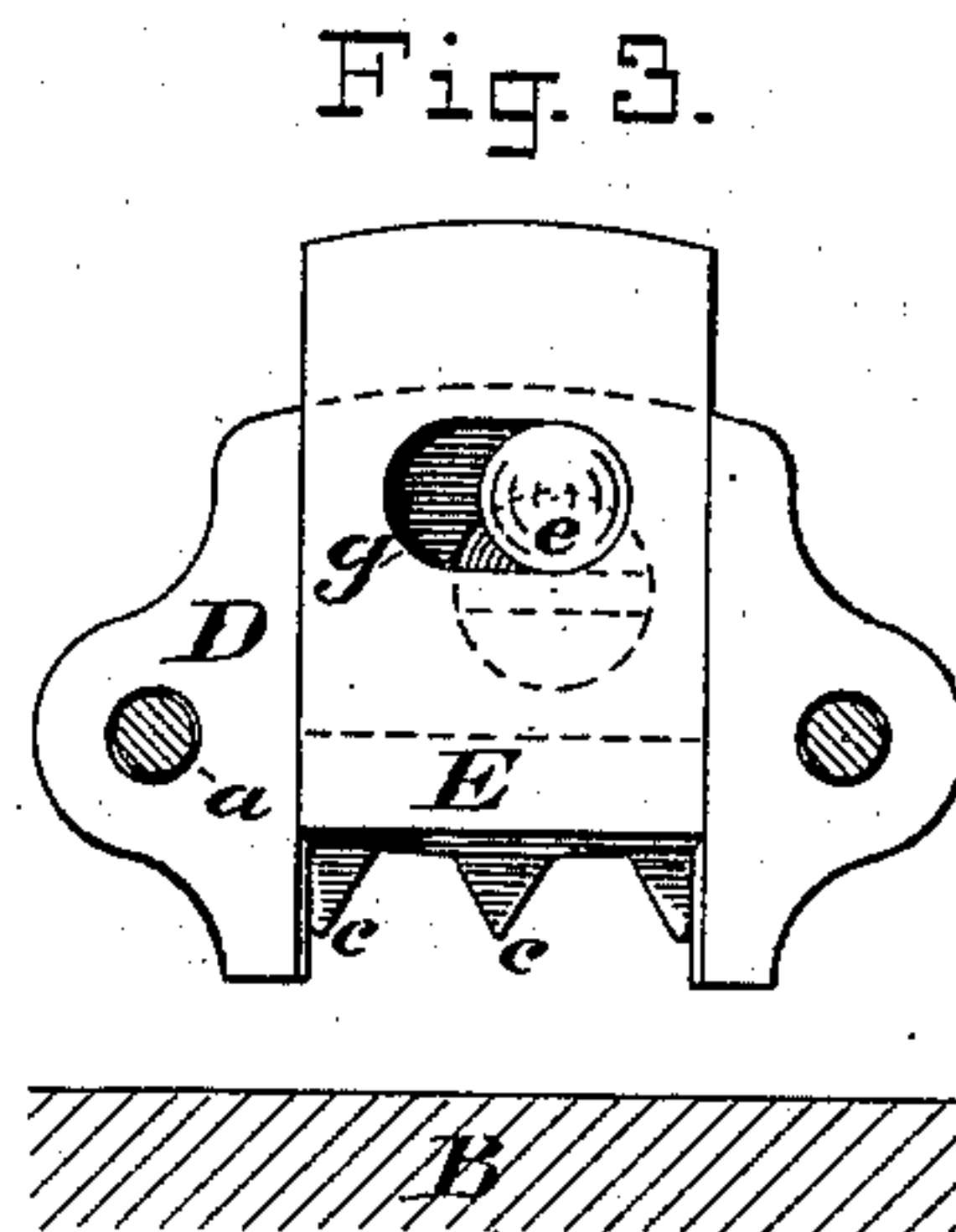
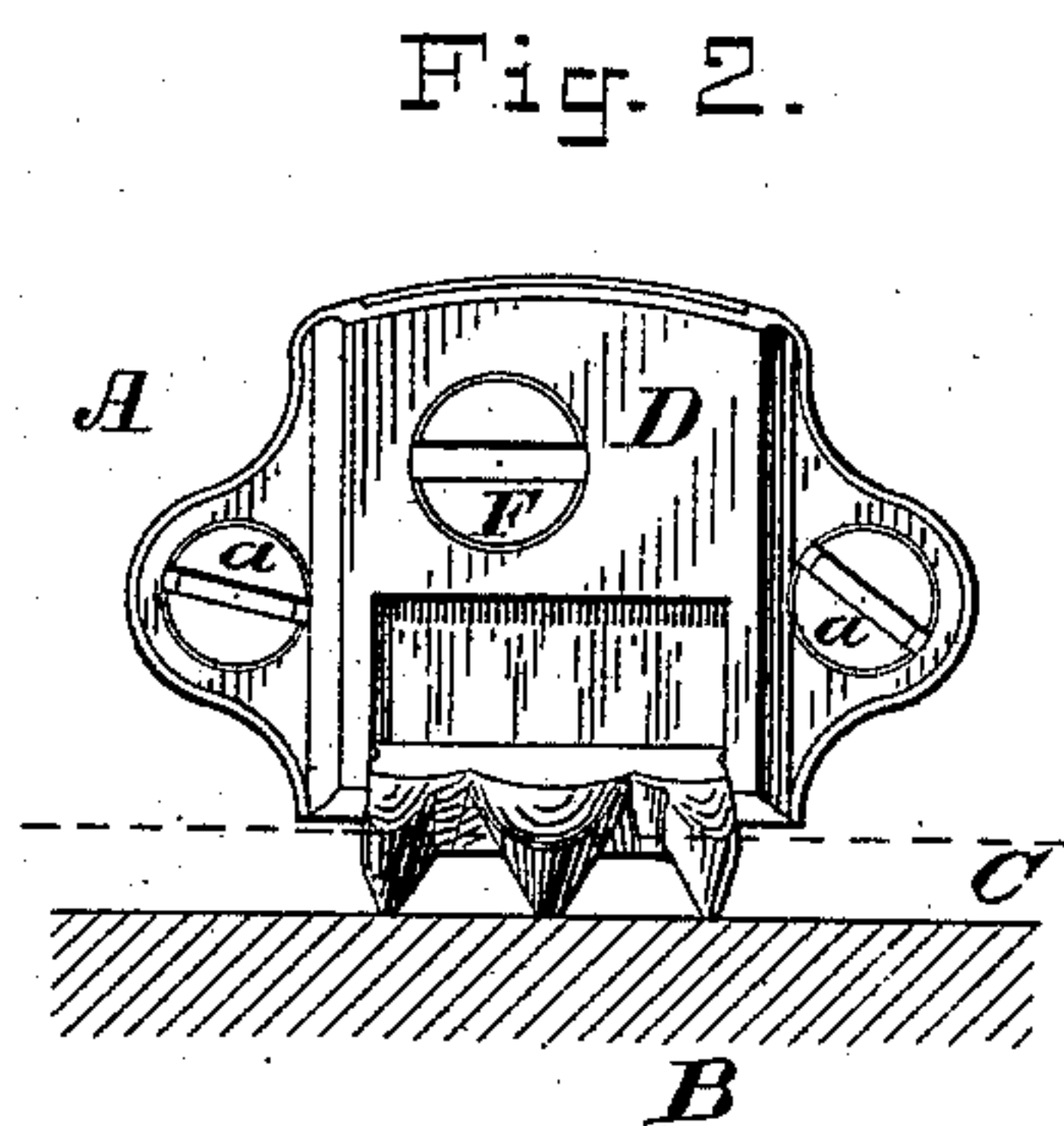
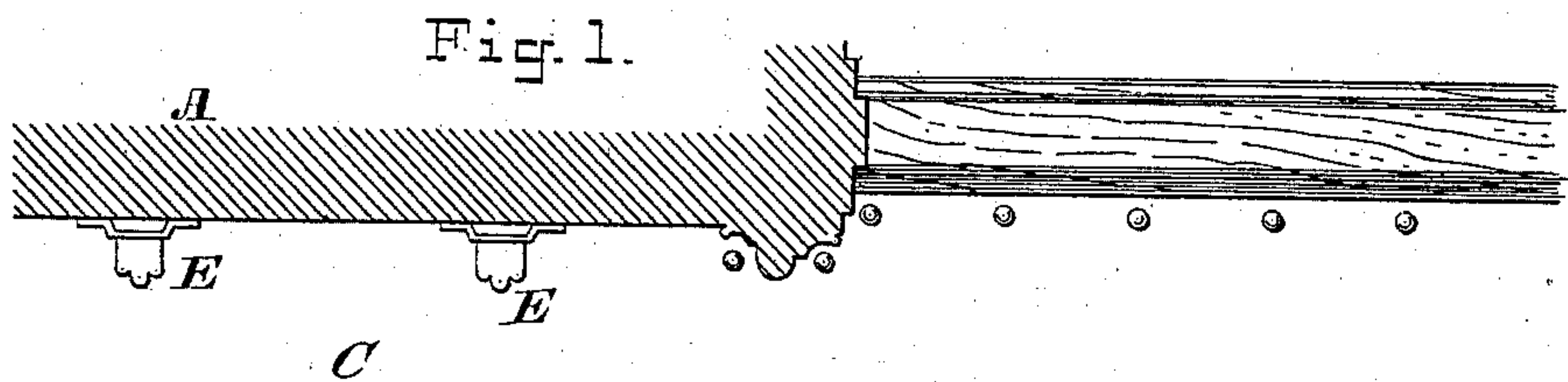


B. MARTIGNONI.
Carpet-Fastener.

No. 209,493.

Patented Oct. 29, 1878.



ATTEST:

Arthur C. Fraser.
W. P. Brown

INVENTOR:

Benjamin Martignoni.
By his Attorneys,
Burke & Fraser

UNITED STATES PATENT OFFICE.

BENJAMIN MARTIGNONI, OF WESTFIELD, NEW YORK.

IMPROVEMENT IN CARPET-FASTENERS.

Specification forming part of Letters Patent No. **209,493**, dated October 29, 1878; application filed May 1, 1878.

To all whom it may concern:

Be it known that I, BENJAMIN MARTIGNONI, of the town of Westfield, in the county of Chautauqua and State of New York, have invented certain Improvements in Carpet-Fasteners, of which the following is a specification:

This invention relates to that class of fastenings which may be permanently fixed to the floor or base-board of the room.

It consists, essentially, in a suitable claw or series of claws adapted to hold the carpet, provided with one or more vertical sliding surfaces, arranged to play in a guide-piece rigidly attached to the floor or base-board, and to be held fast by some suitable means when its claws or teeth have been pressed down into the margin of the carpet.

It also consists in various features of construction and novel combinations, which will be more fully hereinafter set forth.

In the drawings I have shown the preferred construction of my invention.

Figure 1 is a general plan view, showing the fastenings applied. Figs. 2 and 3 are, respectively, front and rear elevations of the fastening. Fig. 4 is a perspective view, showing the parts in detail. Figs. 5 and 6 are, respectively, a side elevation and a vertical section of the fastening. Fig. 7 shows a modification of the fastening, which adapts it to secure stair-rods, &c.

In Figs. 2 and 5 the claw is shown depressed to its lowest position. In Figs. 3, 4, and 6 it is represented as lifted to its fullest extent.

Let A represent the base-board of a room; B, the floor, and C the carpet. D is a plate, adapted to be affixed to the base-board by screws *a a*, or by other means; or it may, by a slight change of form, be adapted to be attached to the floor, if desired. This plate has a groove or slideway, preferably in its rear face, as shown, adapted to fit and receive the vertically-sliding portion of a claw, E, the lower end of which is provided with teeth or serrations *c c*. This claw should have a limited amount of vertical play or movement, sufficient to lift the teeth *c c* clear of the thickest carpet, and this movement may be effected by means of an eccentric or crank, F, arranged

to rotate in a hole, *d*, in the plate D, while its posterior portion *e* engages a laterally-elongated slot, *g*, in the sliding claw. The protruding head of the eccentric-journal may be nicked to receive a screw-driver.

By turning the screw-driver to the right the claw E is driven down, and the teeth *c c* pass through the carpet to the floor. If the parts are properly arranged and fixed in position the points will have reached the floor at about the time the eccentric has reached the extremity of its downward stroke and is on the center, so to speak. This, together with a moderate degree of friction between the parts, will keep the teeth firmly pressed into the carpet until released by lifting the teeth with a backward turn of the screw-driver.

In lieu of the eccentric device just described, a screw might be used to press against the sliding claw and keep it engaged.

I have shown the claw-piece E as of only sufficient width to secure the carpet at one point; but, if preferred, its base or claw portion may be extended laterally in inverted T shape, in order to give a greater surface for holding the carpet. Or, in case it is desired to clamp a considerable portion of the edge of the carpet simultaneously, the claw portion of the piece E may be extended to form a long strip, and be provided with two or more vertically-projecting shanks or sliding surfaces, working in a corresponding number of fixed plates, D.

I have shown the plate D as adapted to be fixed to the base-board or wall of the room; but, if necessary or preferable to fix it to the floor instead, it may be made in the form of a vertical socket, and be sunk into a mortise in the floor. In this case the fastening device F must be so modified in position or arrangement as to admit of being operated from above, and the shank portion of the claw must extend downward into the socket of the plate D.

The teeth *c c* are shown with vertical rear faces and sloped conical anterior faces, so that the carpet may be pushed back under them, but will not so readily escape from their hold.

In some cases the teeth *c c* may be omitted entirely, and the carpet be held by being clamped between the claw-piece and the floor.

Without material alteration, my device may be adapted to fastening stair-rods, picture-rods, curtain-rods, &c. In the modification, Fig. 7, the claw is shown as devoid of teeth and curved to embrace a rod.

I claim as my invention—

1. In a carpet-fastening, the combination of a plate adapted to be fixed to the base-board, wall, or floor, and provided with vertical slide-ways, a sliding claw adapted to play up and down in the fixed plate, and constructed to bite into or clamp the carpet, and suitable mechanism attached to the fixed plate whereby the claw may be maintained rigidly in position when up or down, as desired, substantially as herein set forth.

2. The combination of the plate D, constructed and adapted to be fixed to the wall or base-board, so as to leave a slideway behind

it, the sliding claw E, arranged to play up and down in the fixed plate, and provided with teeth to engage the carpet, and the eccentric F, constructed as described, and all arranged to operate as set forth.

3. In a carpet-fastening, a claw-piece, E, provided on its under surface with teeth or projections *c c*, adapted to play up and down in a socket or slideway, and to clamp the carpet between its under surface and the floor, substantially as and for the purposes set forth.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

BENJ. MARTIGNONI.

Witnesses:

HENRY J. MINTON,
J. A. SKINNER.