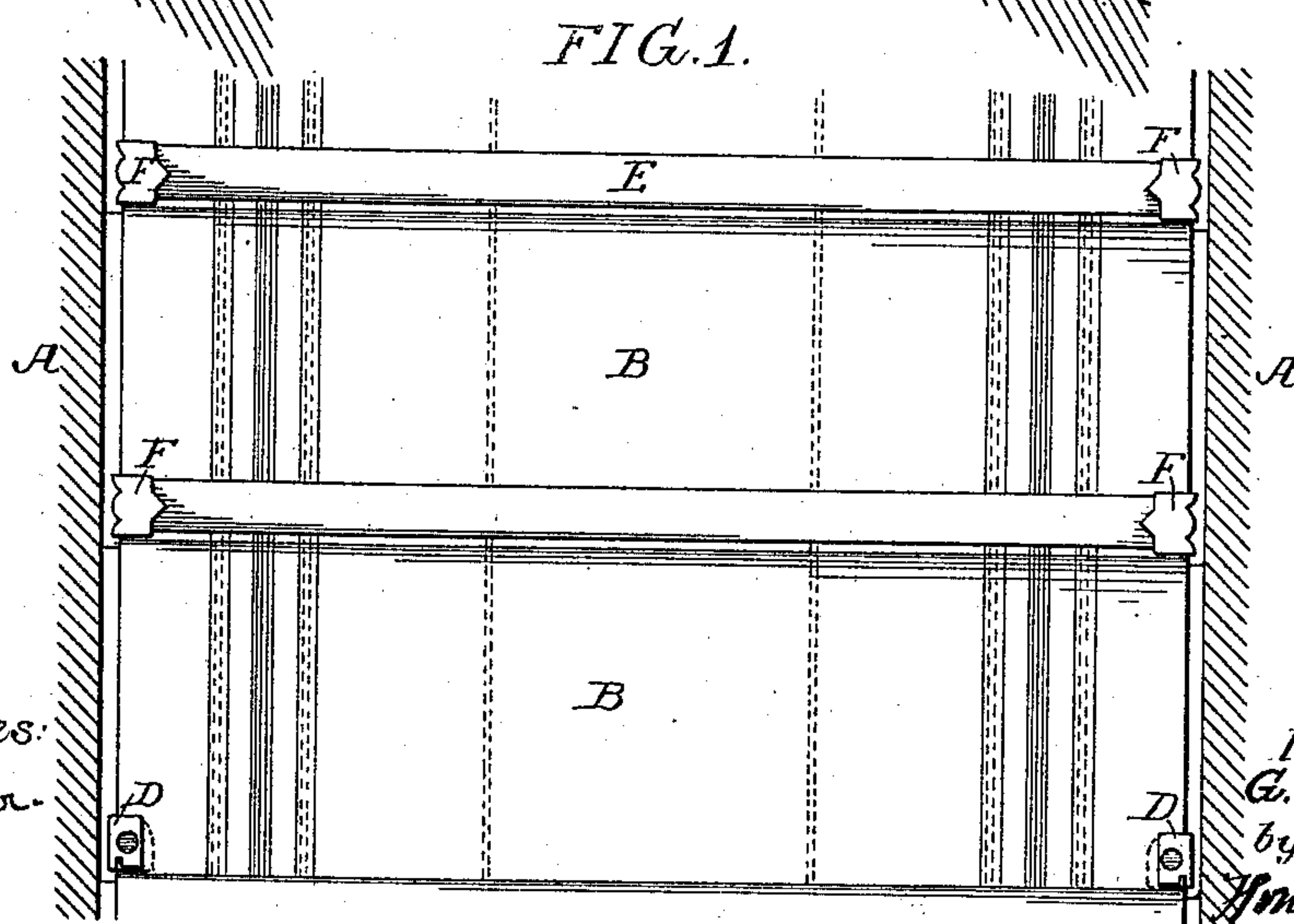
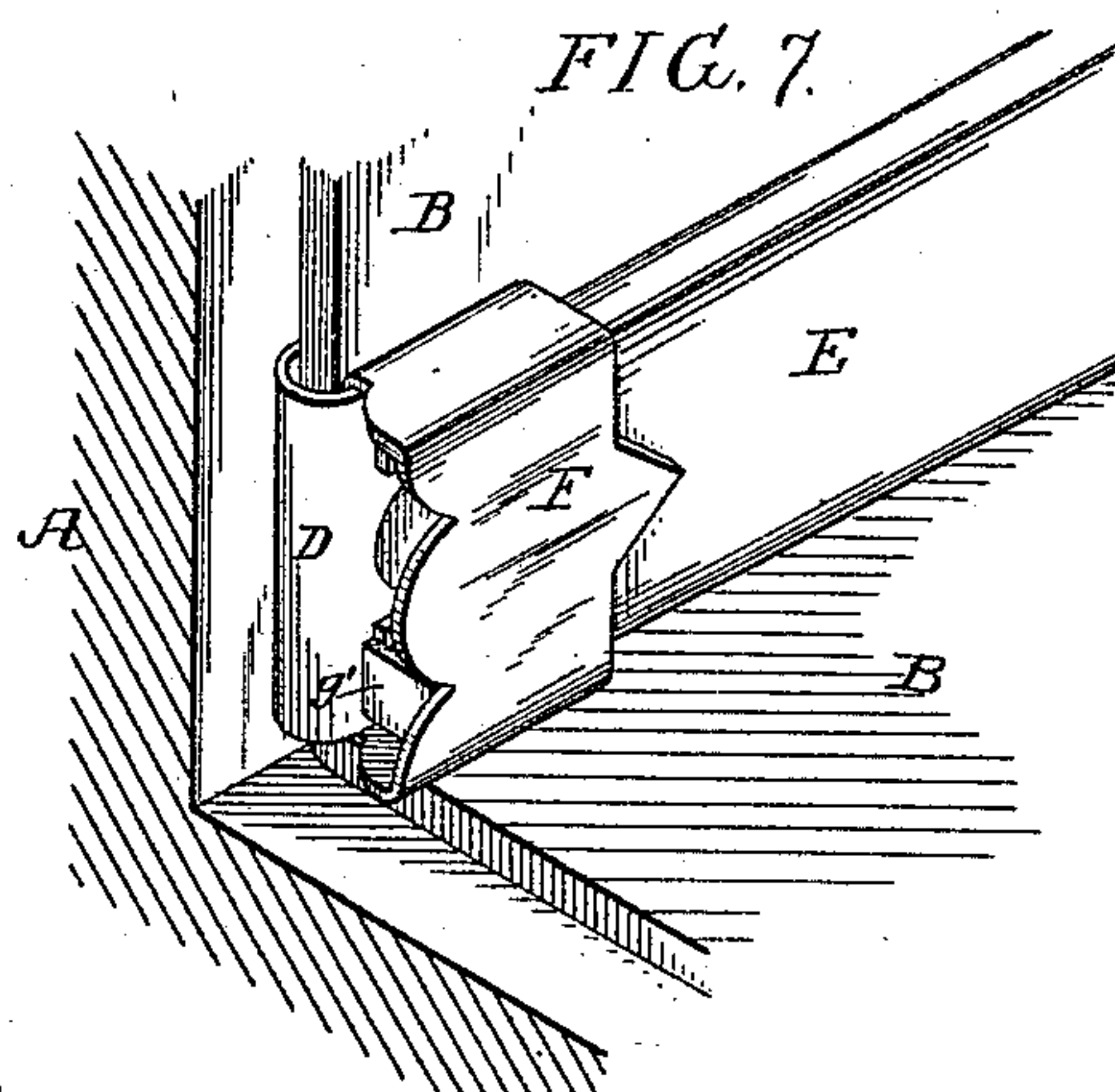
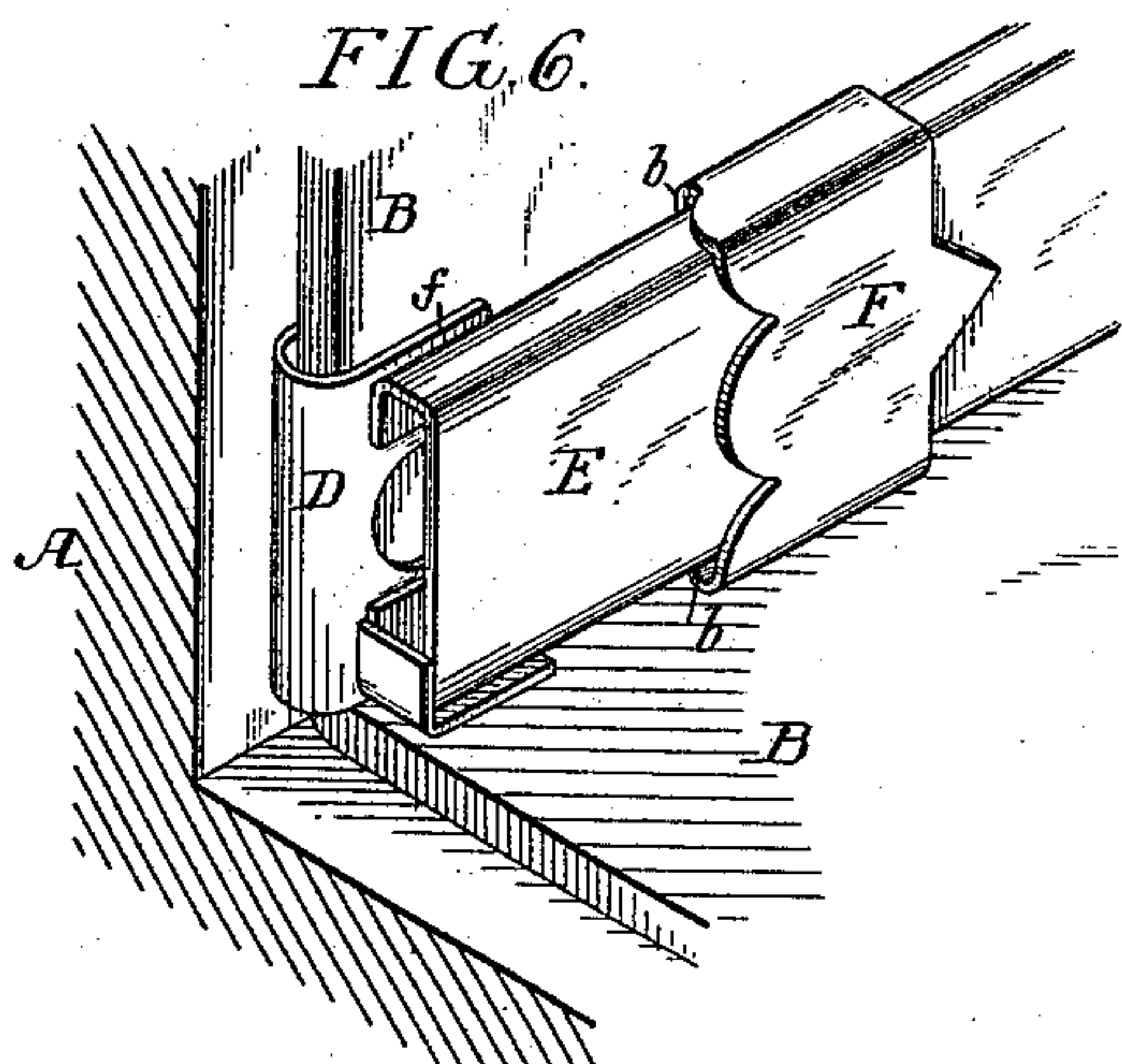
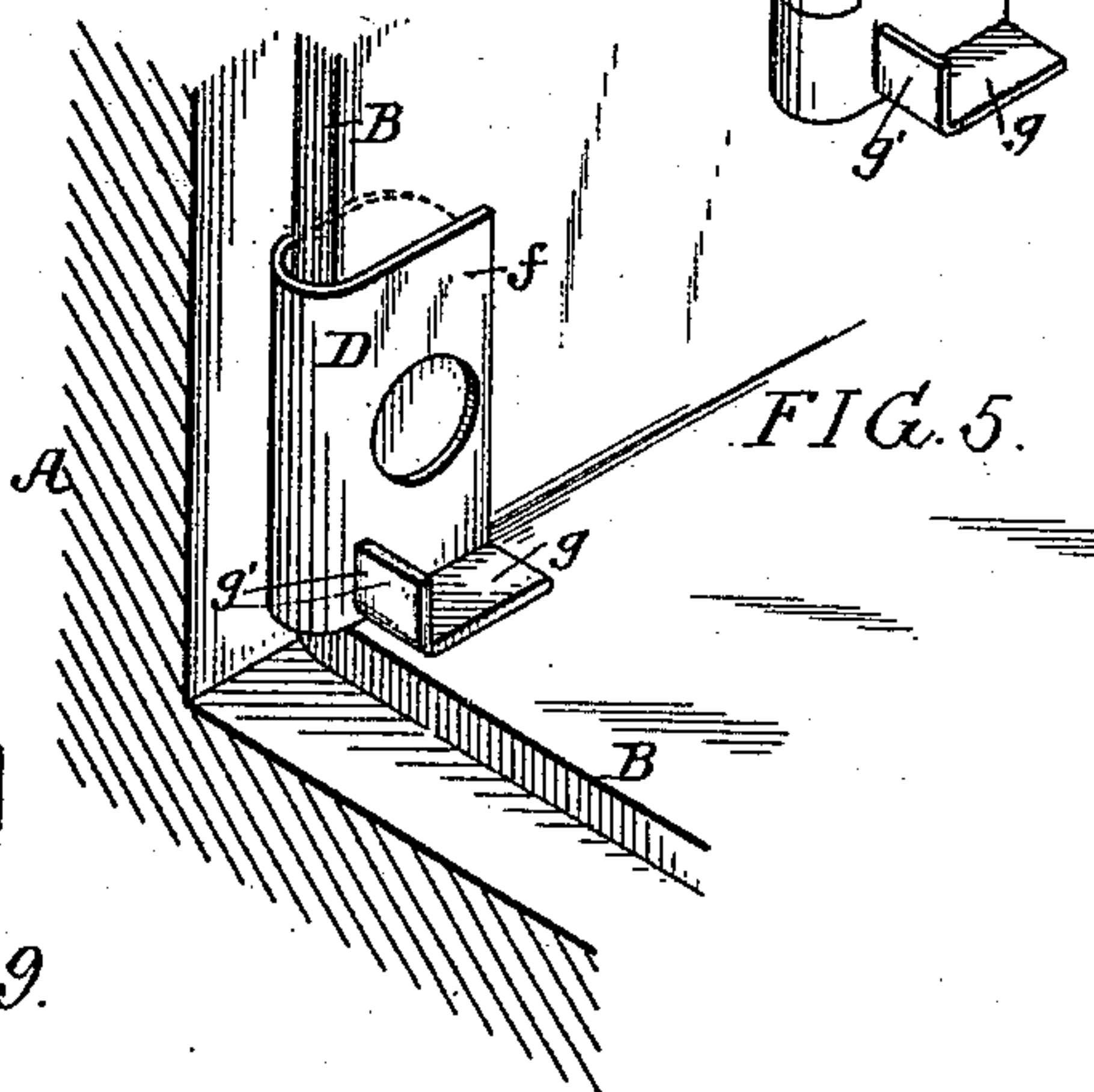
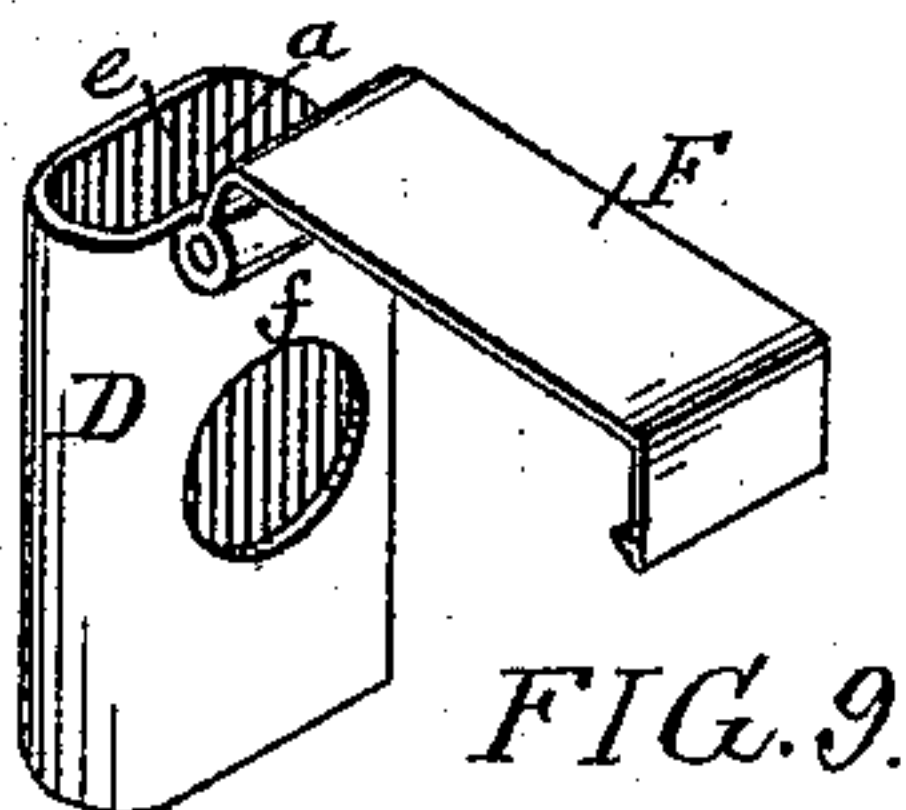
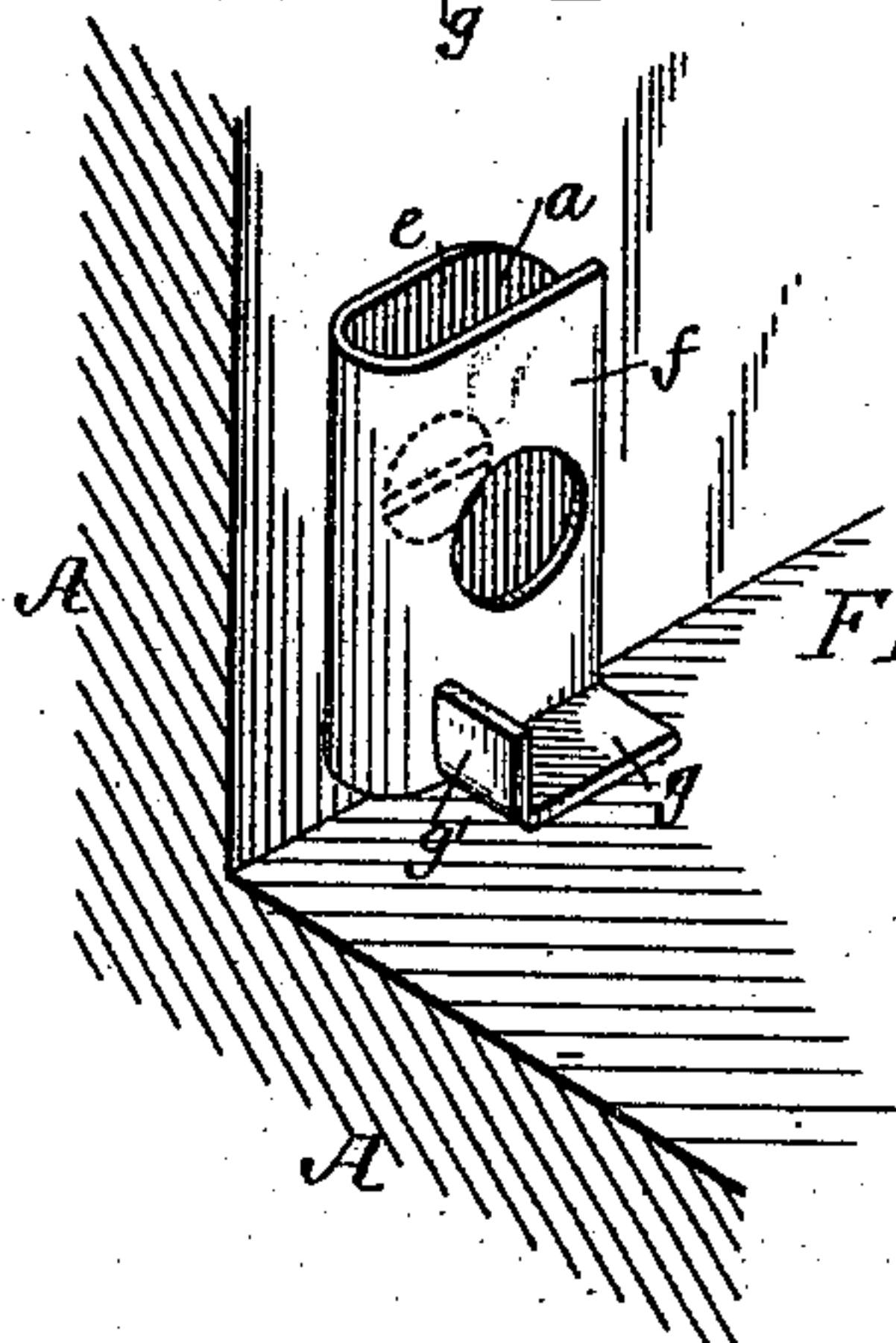
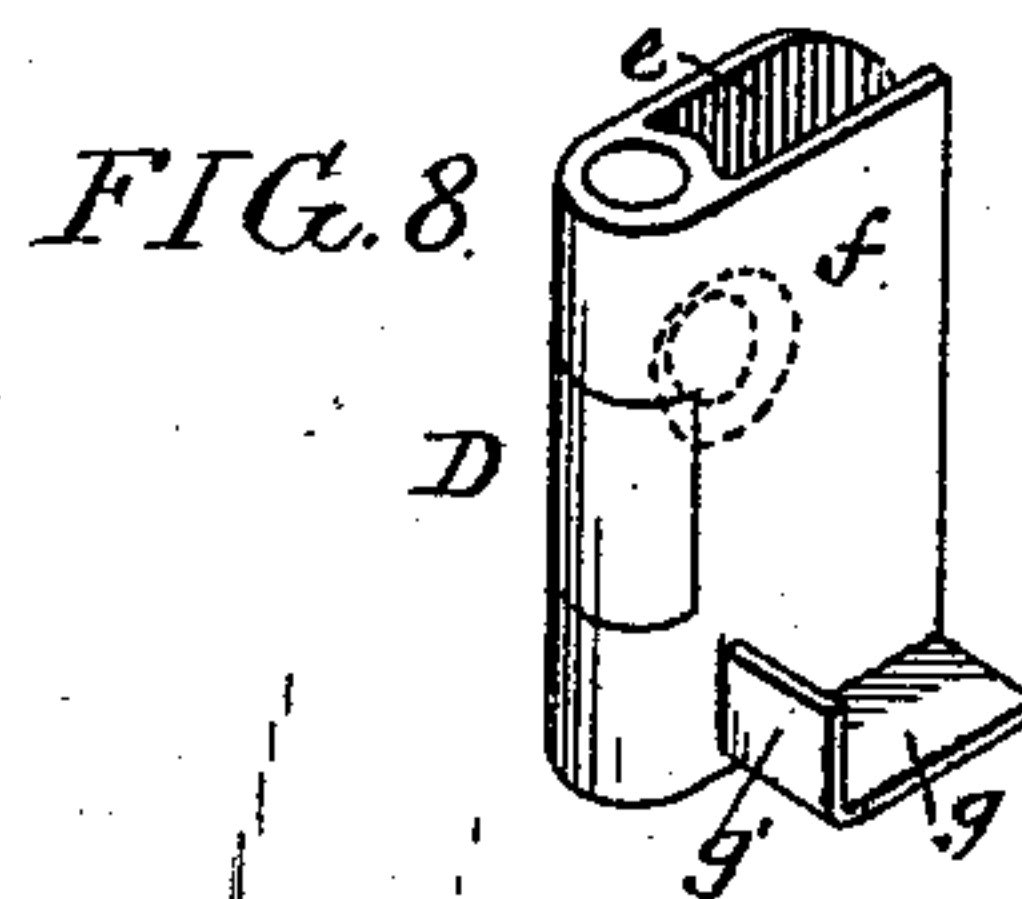
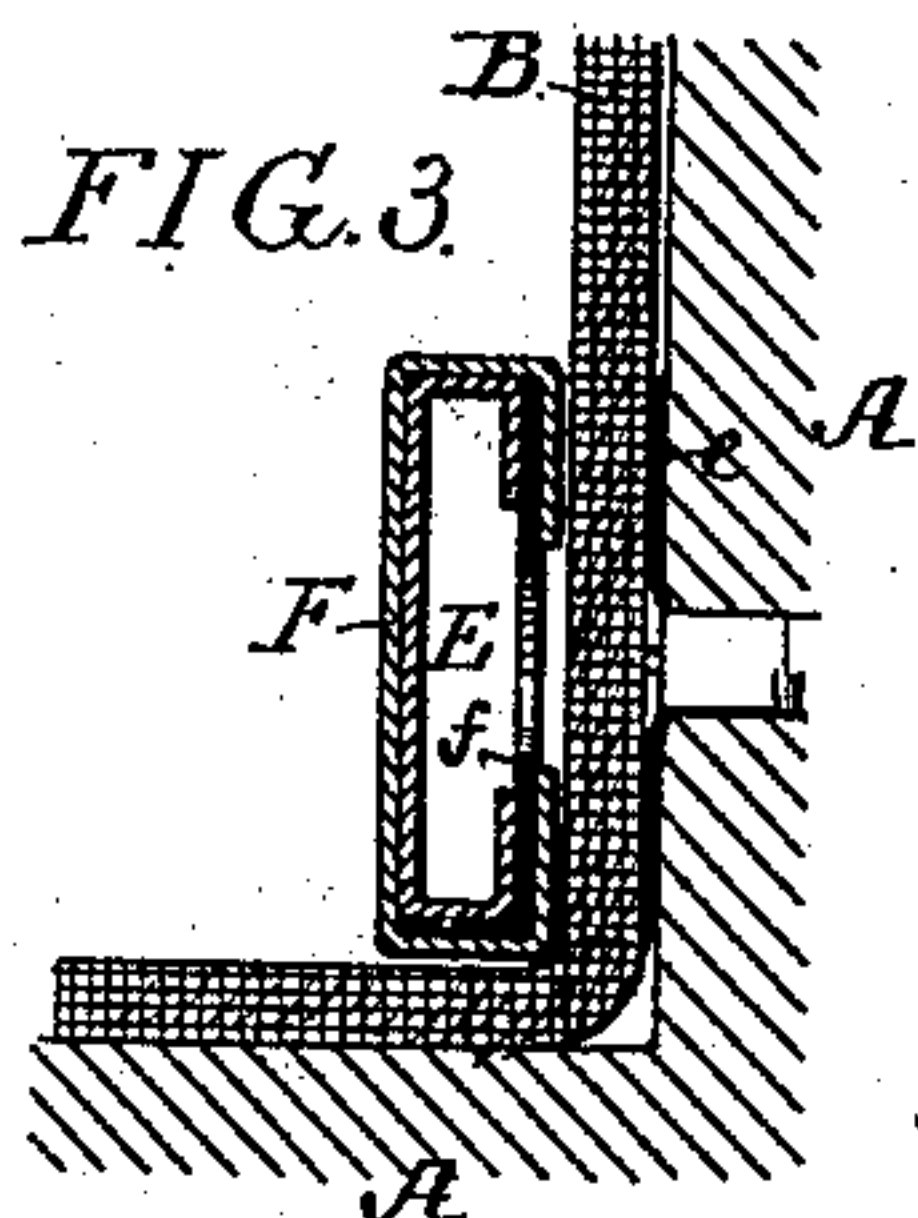
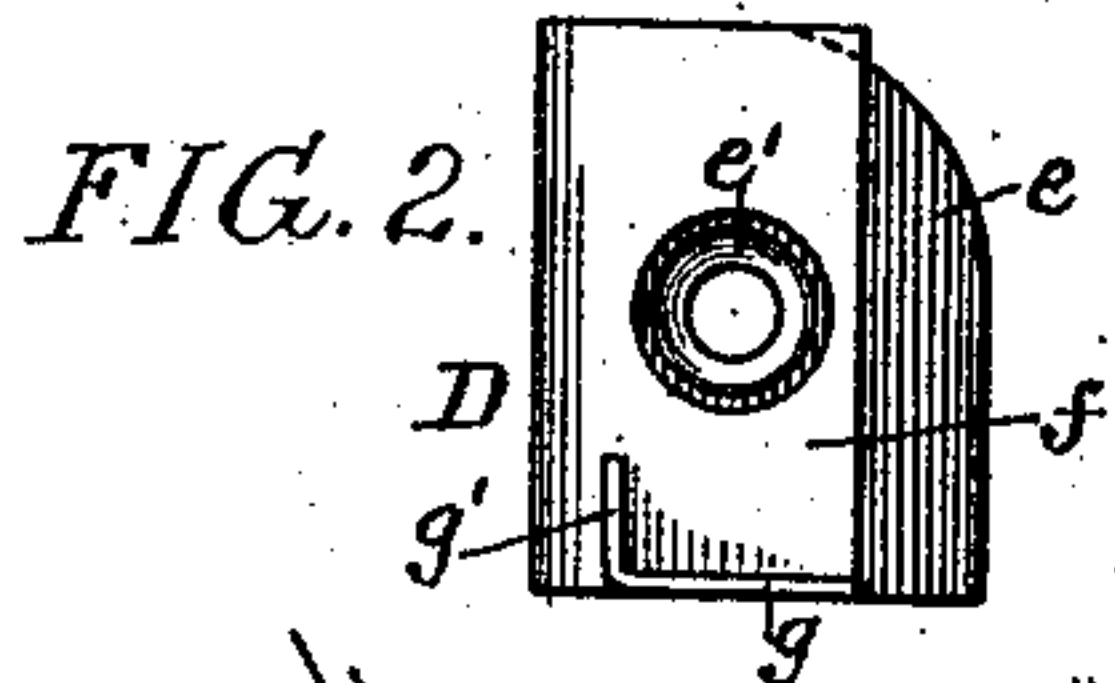


(No Model.)

G. C. WHITE.
STAIR ROD SECURER.

No. 417,529.

Patented Dec. 17, 1889.



Witnesses:
W.D. Warner.
J.E. Parker.

Inventor
G.C. White
by his Attys.
Hanson & Hanson

UNITED STATES PATENT OFFICE.

GEORGE C. WHITE, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR, BY MESNE ASSIGNMENTS, OF ONE-HALF TO MELICENT S. WITMER, OF SAME PLACE.

STAIR-ROD SECURER.

SPECIFICATION forming part of Letters Patent No. 417,529, dated December 17, 1889.

Application filed March 22, 1889. Serial No. 304,324. (No model.)

To all whom it may concern:

Be it known that I, GEORGE C. WHITE, a citizen of the United States, and a resident of Philadelphia, Pennsylvania, have invented certain Improvements in Stair-Rod Fastenings, of which the following is a specification.

The object of my invention is to construct a stair-rod fastening through which the carpet may be passed after the fastening has been secured in position, my invention being especially adapted for use in houses where the carpet is the full width of the stairway, obviating the use of fastenings which have to be secured to the stairway through the carpet.

In the accompanying drawings, Figure 1 is a face view of a portion of a stairway, showing my improved fastening and its rods in position. Fig. 2 is a face view of my improved fastening device. Fig. 3 is a section of a stairway, showing my improved fastening. Fig. 4 is a perspective view showing the fastening device attached to the stair. Fig. 5 is a view showing the carpet passed through the fastening. Fig. 6 shows the rod in position. Fig. 7 shows the slide for securing the rod in position, and Figs. 8 and 9 are views of modifications.

A represents the stairway; B, the carpet; D, the fastening; E, the rod, and F the slide for securing the rod to the fastening. The fastening D has a portion *e*, in which is an orifice *e'* for the passage of the securing-screw, the plate *d* being secured to or forming part of a plate F. In the present instance the material is bent, forming a portion *f*, which is far enough away from the plate *e* to leave a space *a* for the passage of the carpet between the plates, as shown in Fig. 5, said plate *f* having an enlarged opening for the passage of the head of a screw for securing the fastening to the stairs. Thus the screw can be passed directly through the plate *f* and secure the plate *e* in position to the stairway.

On the lower portion of the plate *f* is a lip *g*, having a right-angled extension *g'*. On this lip *g* rests the stair-rod, and the lips *g'* prevent the rod from moving transversely in respect to the stairs. On the rod is a slide F, having lips *b b*, which pass around the rod, and after the rod is placed in position,

as shown in Fig. 6, the slide is moved over the rod, as shown in Fig. 7, its lips *b b* passing behind the plate *f*, thus securing the rod to the fastening. By this means the fastening can be secured to the stairway prior to the laying of the carpet, and when the carpet is laid it can be passed through the space *a*, after which the rod is placed in position, as shown in Fig. 6, and the securing-slide moved to the position shown in Fig. 7.

Other forms of fastenings may be employed—such, for instance, as shown in Fig. 8, in which the plate *f* is connected to the plate *e* by a hinge-joint, allowing the securing-screw to be placed in position on the plate *e* without passing through the plate *f*.

In Fig. 9, instead of the slide, I have shown a plate, which may be hinged at *f* and passed over and secure the rod in place.

It will be evident that other forms of fastening may be used without departing from my invention so long as there is a space *a* between the two plates *f* and *e* to allow for the passage of the carpet.

I claim as my invention—

1. The combination of the stair-rod, the fastening made from a single piece of sheet metal bent to form portions *e* and *f*, substantially as described, with a sleeve adapted to the rod and to pass over one portion of the fastening, substantially as set forth.

2. The combination, in a stair-rod fastening, of the plates *e* and *f*, the plate *e* being adapted to be secured to the stairway, and a stair-rod with lips *g* on the fastening, adapted to support the stair-rod, substantially as set forth.

3. The combination of a stair-rod, the fastening D, made from a single piece of metal, bent to form portions *e* and *f*, the portion *e* being adapted to be secured to the stairway, with lips *g* and *g'*, bent from the portion *f*, with a sleeve adapted to the rod and to the portion *f*, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

GEORGE C. WHITE.

Witnesses:

WILLIAM D. CONNER,
HARRY SMITH.