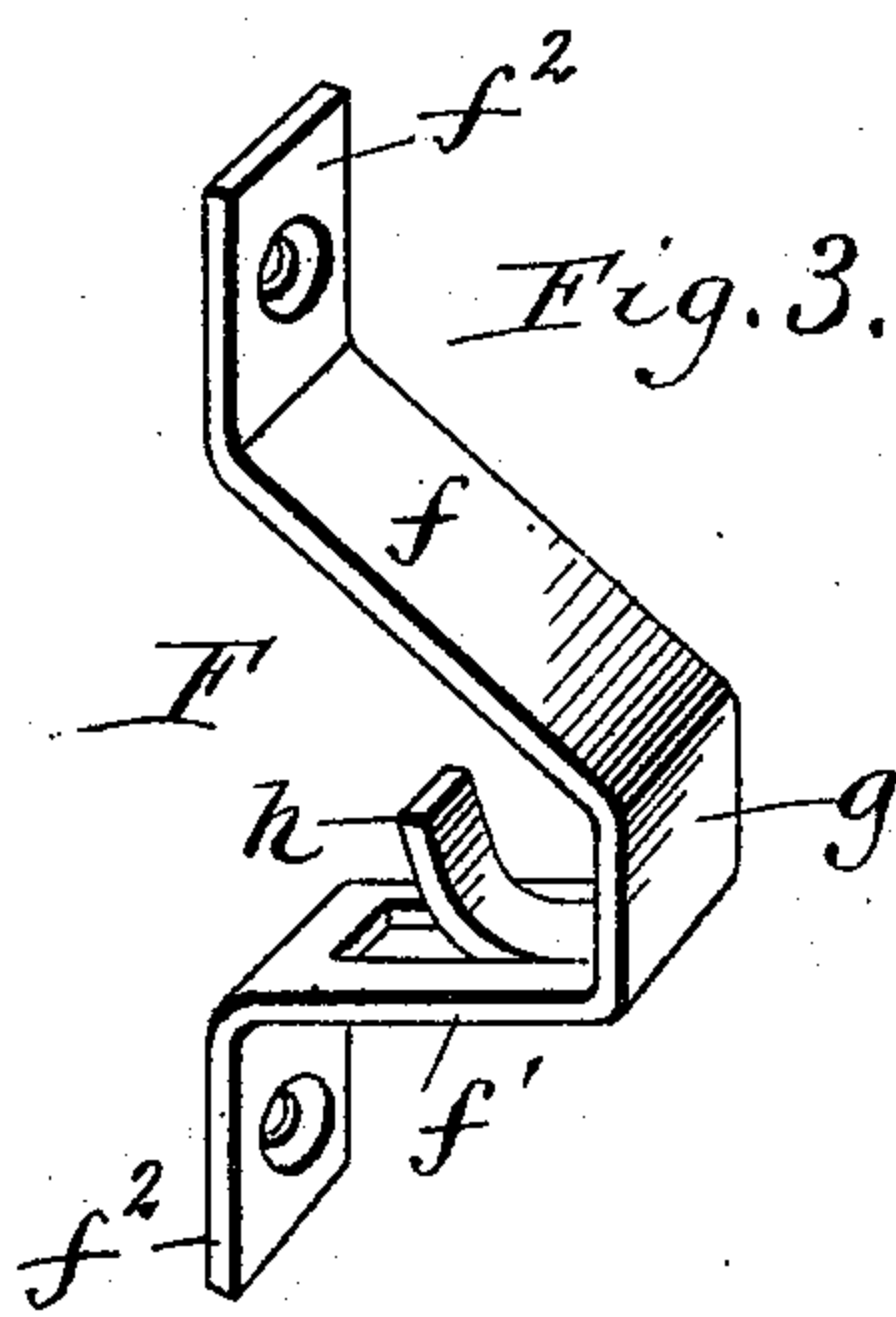
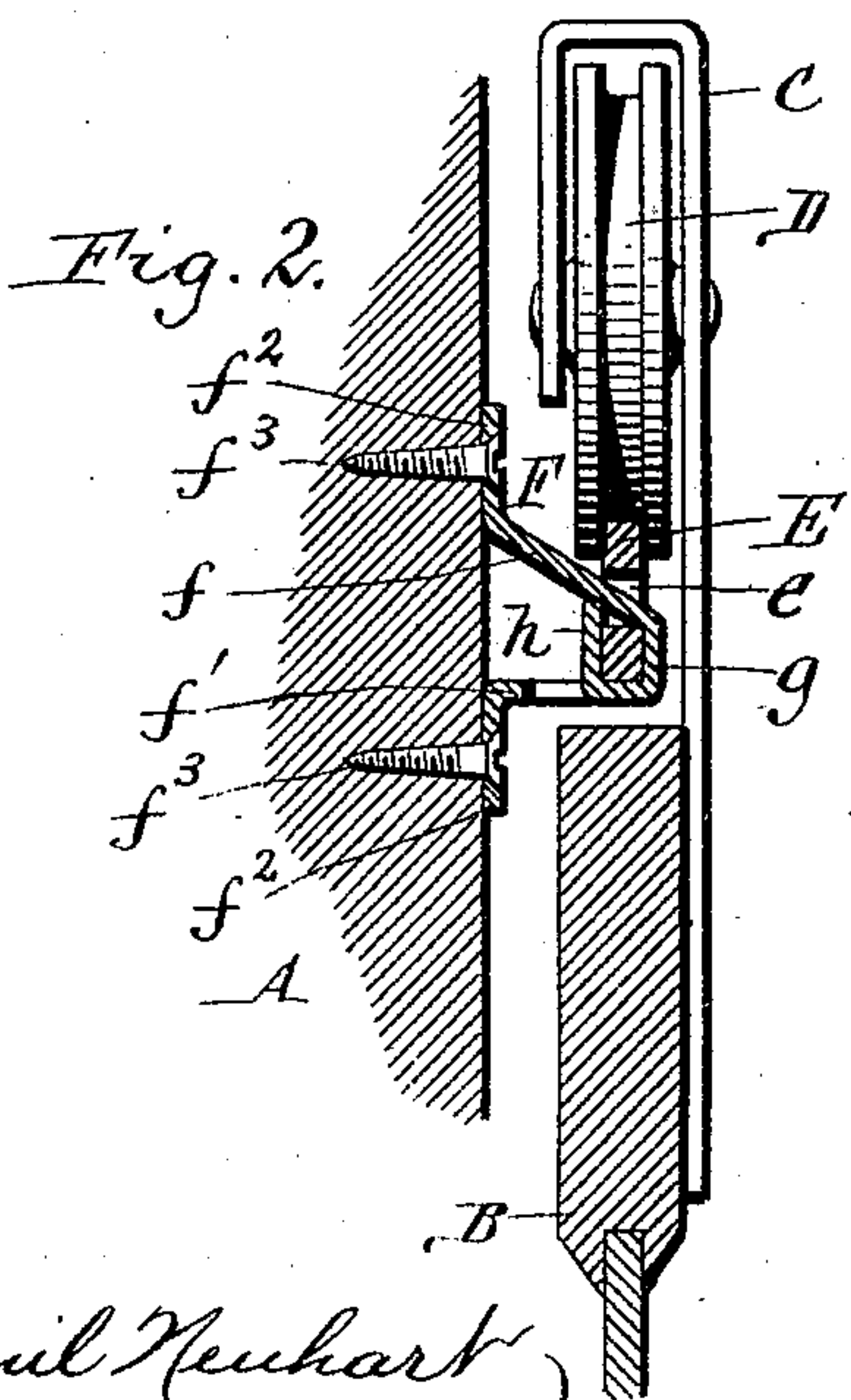
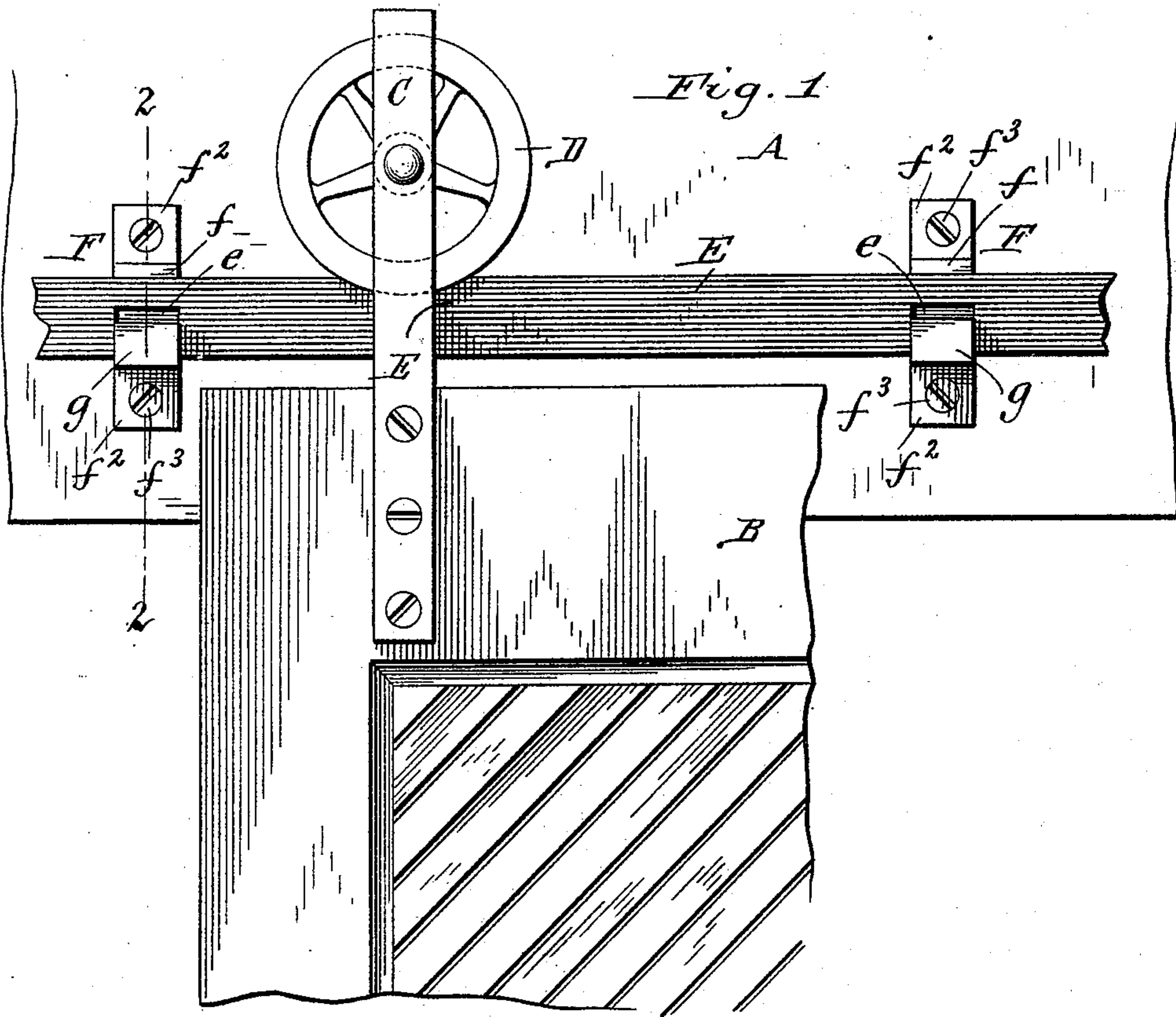


(No Model.)

A. L. SWETT.  
BRACKET FOR DOOR HANGER RAILS.

No. 497,479.

Patented May 16, 1893.



Emil Neuhart  
Theo. L. Popp.

Witnesses:

Albert L. Swett Inventor.  
By Wilhelm Pönnert.  
Attorneys.



# UNITED STATES PATENT OFFICE.

ALBERT L. SWETT, OF MEDINA, NEW YORK.

## BRACKET FOR DOOR-HANGER RAILS.

SPECIFICATION forming part of Letters Patent No. 497,479, dated May 16, 1893.

Application filed October 3, 1892. Serial No. 447,659. (No model.)

*To all whom it may concern:*

Be it known that I, ALBERT L. SWETT, a citizen of the United States, residing at Medina, in the county of Orleans and State of New York, have invented new and useful Improvements in Brackets for Door-Hanger Rails, of which the following is a specification.

This invention relates to brackets for supporting the rails of door hangers and has the object to provide simple and efficient means for fastening the brackets to the rails.

In the accompanying drawings:—Figure 1 is a fragmentary side elevation of my improved bracket and rail. Fig. 2 is a vertical transverse section in line 2—2, Fig. 1. Fig. 3 is a perspective view of the bracket.

Like letters of reference refer to like parts in the several figures.

A represents the side wall of a building and B the sliding door. C represents one of the hanger frames attached to the upper end of the door and provided with a wheel D.

E represents the rail on which the hanger wheels run, and F represents the brackets by which the rail is supported. This rail is provided at intervals with elongated longitudinal openings *e*, each of which receives one member of a bracket. The bracket is composed of an upper arm *f*, a lower arm *f'* and an upright front portion *g*. Each of said arms has a perforated ear *f*<sup>2</sup> at its inner end which is secured to the side wall by a screw *f*<sup>3</sup>. The rail rests with its lower edge upon the lower arm of the bracket, while the upper arm of the bracket passes through the opening in the rail, and the upright front portion rests against the front side of the rail.

*h* represents a lip which is formed on one of the arms and bears against the rear side of the rail between the arms. This lip is preferably stamped out of the lower arm.

In applying the bracket to the rail, the upper arm is first passed from the outer side through the opening in the rail until the up-

right front portion of the bracket rests against the outer side of the rail. The lip of the lower arm is then bent upwardly and against the rear side of the rail, thereby fastening the bracket and rail together. The weight of the door exerts an outward strain against the upper portion of the rail which tends to tip the rail and force the lower portion of the rail backwardly. In order to prevent this tipping of the rail, the lip is stamped out of the lower arm so that upon bending it upwardly against the rear side of the rail, the inward or backward pressure of the latter at its lower edge is brought to bear principally against the lip where it joins the lower arm, which prevents the lip from being bent out of place or opened, and thereby retains the rail securely in an upright position. By making the brackets separate from the rails, the latter and the brackets can be packed separately and very compactly for shipping.

I claim as my invention—

1. The combination with a door hanger rail provided with an opening, of a supporting bracket provided with an upper and a lower arm, and an upright front portion, and passing with one of said arms through said opening and bearing with its upright front portion against the front side of the rail, substantially as set forth.

2. The combination with a supporting bracket having an upper and a lower arm, an upright front portion connecting said arms, and a lip turned up on one of said arms, of a rail which is provided with an opening through which one of said arms passes and which is secured on said bracket by said lip, substantially as set forth.

Witness my hand this 30th day of September, 1892.

ALBERT L. SWETT.

Witnesses:

HARRY F. WELTON,  
HOMER J. LUTHER.