

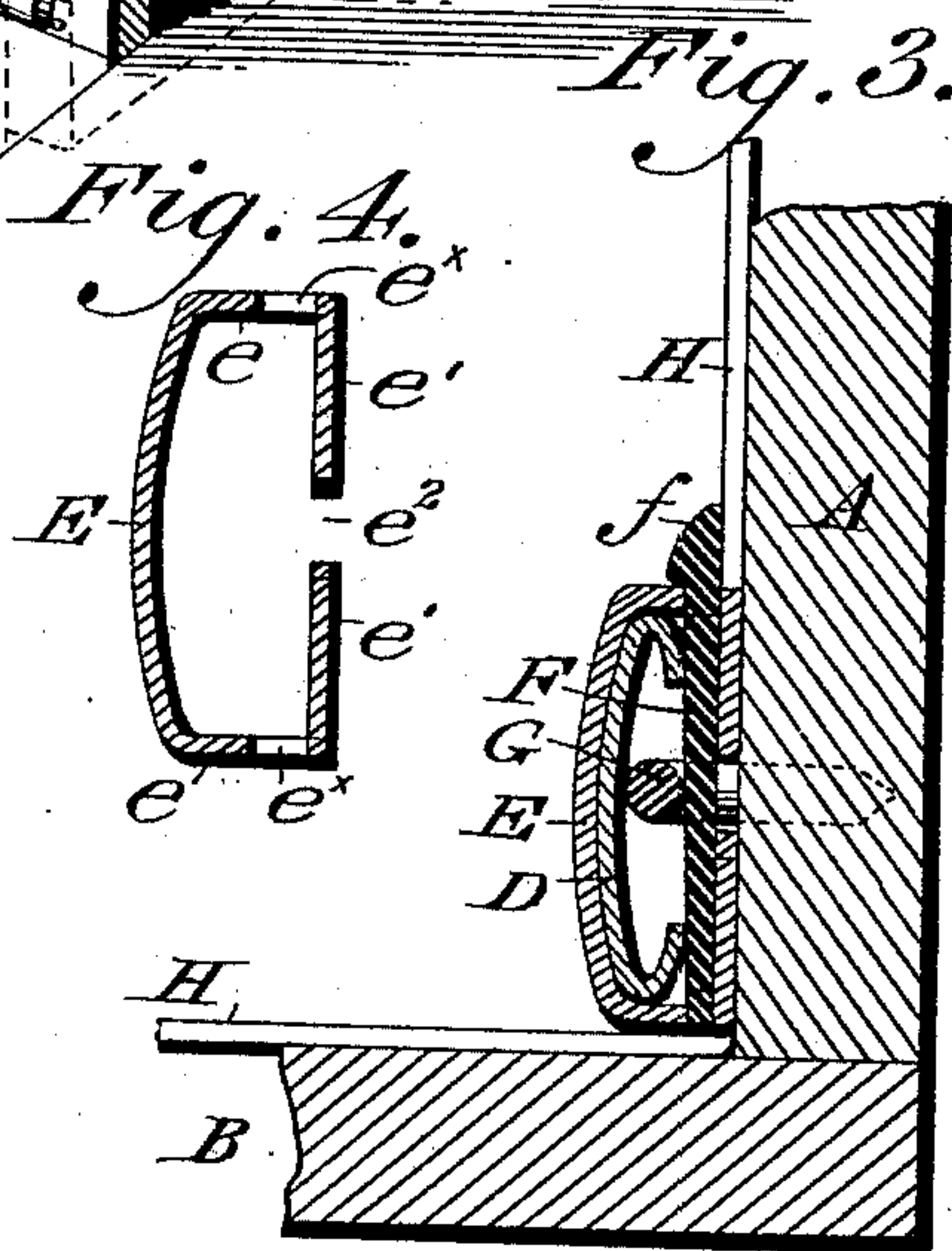
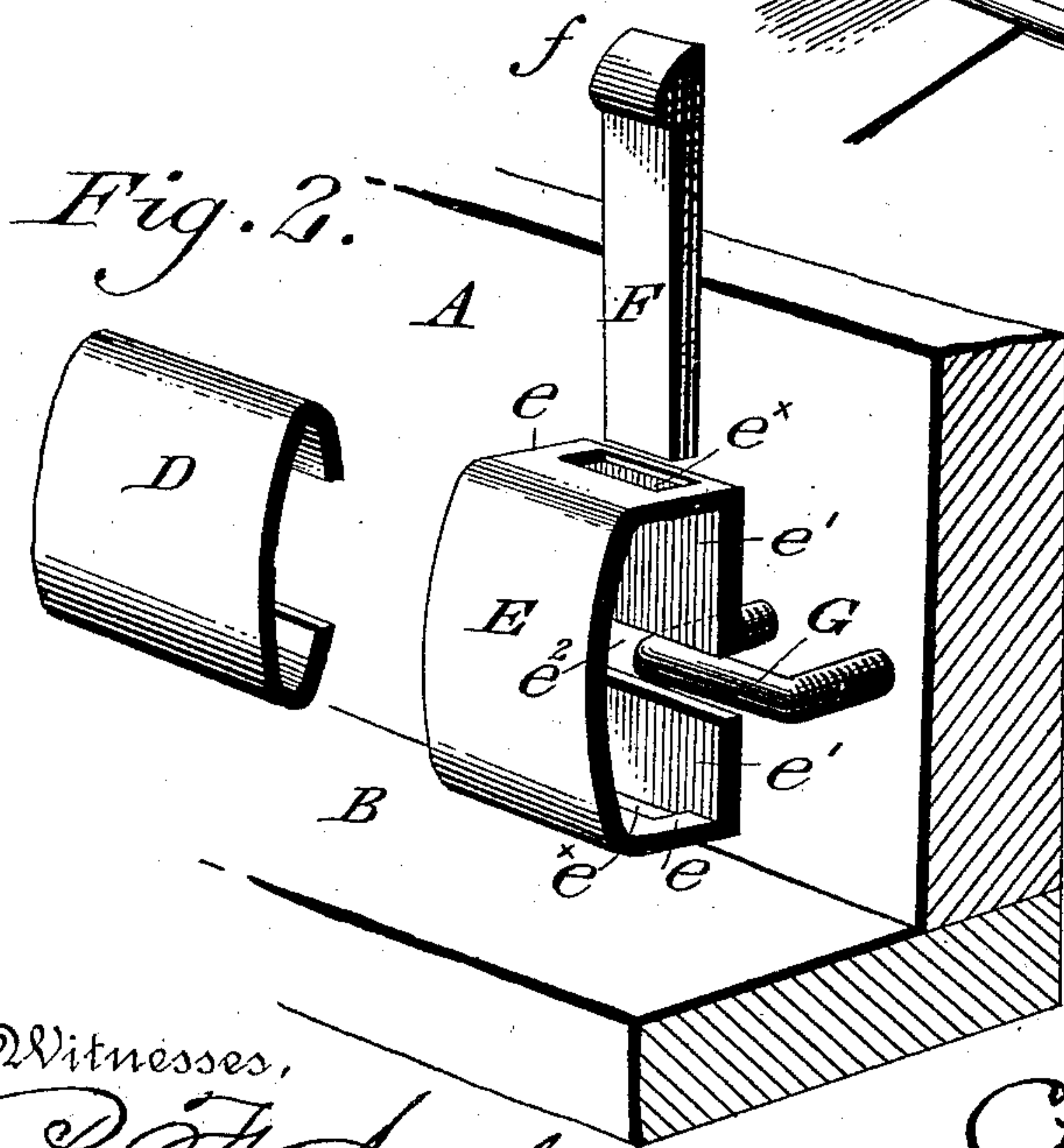
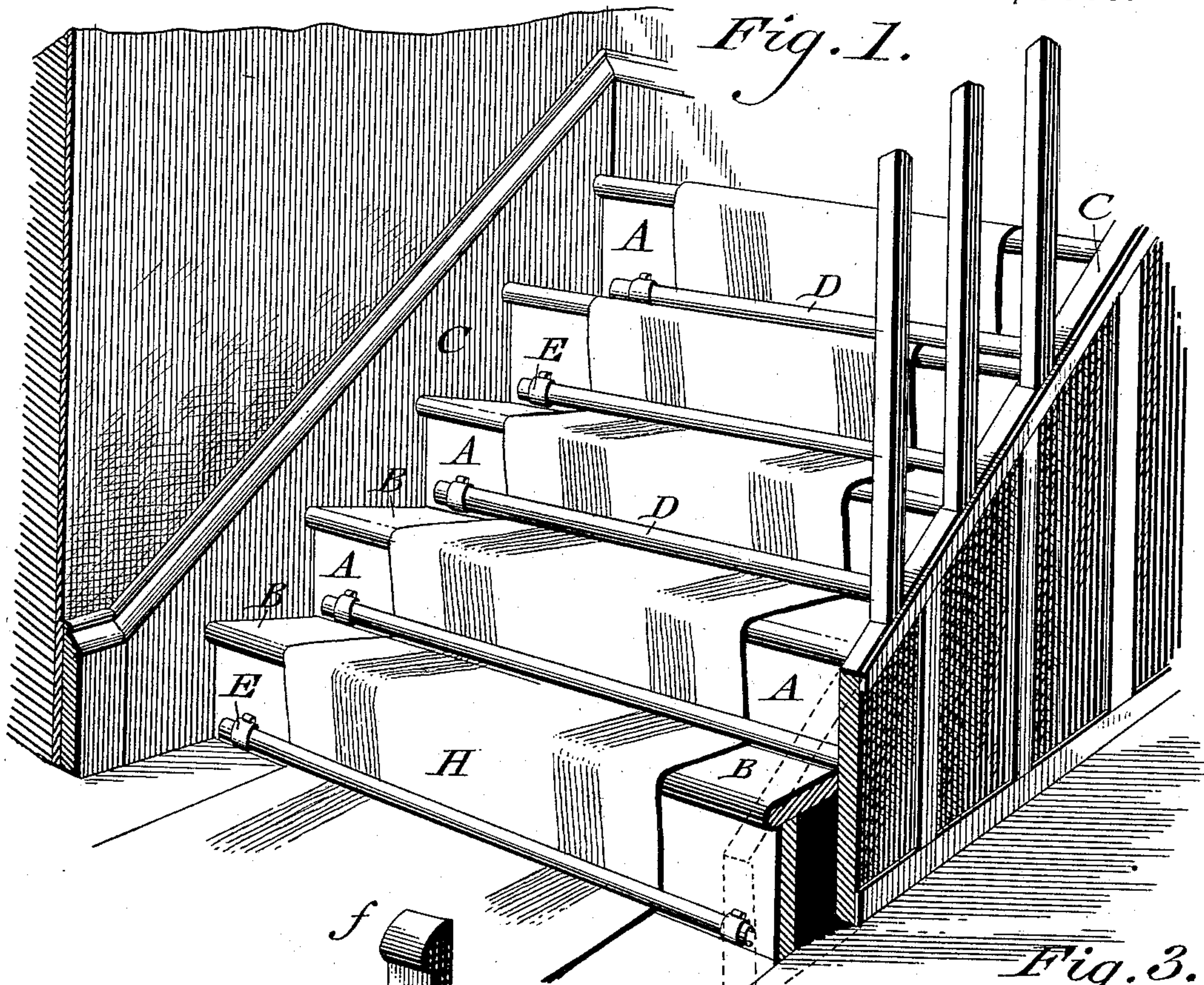
(No Model.)

C. A. GILDEMEYER.

STAIR ROD SECURER.

No. 391,840.

Patented Oct. 30, 1888.



Witnesses,  
*P. H. Bagley.*  
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# UNITED STATES PATENT OFFICE.

CHARLES A. GILDEMEYER, OF HADDONFIELD, NEW JERSEY, ASSIGNOR OF  
ONE-HALF TO MADISON RUSH, OF PHILADELPHIA, PENNSYLVANIA.

## STAIR-ROD SECURER.

SPECIFICATION forming part of Letters Patent No. 391,840, dated October 30, 1888.

Application filed June 7, 1888. Serial No. 276,364. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES A. GILDEMEYER, a citizen of the United States, residing at Haddonfield, in the county of Camden, and State of New Jersey, have invented certain new and useful Improvements in Stair Rod Fasteners, of which the following is a specification.

My improvements belong to a class of contrivances employed to secure strips of carpeting upon steps or stairs, and they are especially applicable in side-inclosed stairways, or those the risers and treads of which are boxed in at the side by skirting boards, by wainscots, or by walls, in which the lateral or end-wise movement of the rod itself through a permanently attached loop fastener is impossible, and in which in consequence the rod has to be applied directly against the face of the riser and not slid in from the end thereof.

A stair rod fastener conveniently embodying my improvements is represented in the accompanying drawings and hereinafter described, the particular subject matter claimed as novel being hereinafter definitely specified.

In the drawings, Figure 1 is a view in perspective of a flight of steps, a strip of carpet upon which is represented as secured by the application of my improved fastener. Fig. 2 is a perspective view of the elements which together compose my improved fastener, a portion of a riser and tread and of a stair rod being also shown. Fig. 3 is a central, vertical, transverse, sectional elevation through the entire device when all of the parts are assembled to form a fastener. Fig. 4 is a similar view through a keeper embodying my improvements.

Similar letters of reference indicate corresponding parts.

In the drawings, A represents the risers and B the treads of a flight of steps inclosed at each side by skirting boards C.

D are stair rods of any usual or preferred form,—my fastener being adapted for employment with any ordinary rod provided however that it is sufficiently recessed as to its rear face to admit the cross head of the staple or screw eye, as shown in Fig. 3.

The fastener proper consists of a loop-shaped

keeper E formed of metal bent to substantially the form shown in the drawings, that is to say, having, preferably, a slightly bellied front face, which is designated by the letter E, sides *e* bent back from said front face, and, if desired but not necessarily, inturned extremities *e'* which preferably almost meet, but which must yet be apart a sufficient distance to afford between them a staple space *e''* or space for the admission of a staple or screw eye. Each of the sides of the keeper is provided with a slot *e<sup>x</sup>* through which a wedge-shaped or other suitably shaped key F or fastening pin is adapted to pass. This pin is preferably provided with a head *f*.

G is a staple or screw eye, which is adapted to be driven into the riser of the step to a sufficient distance to permit of the passage through it of the key even when the latter has also been passed through the slots in the keeper, applied about said staple and against the face of the riser, as shown in Fig. 3. The staples are of any preferred form and construction and preferably as to their prongs are pointed so as to be readily driven.

In securing stair-rods,—the staples first having been driven into the riser, with their cross heads in parallelism with the treads and at a proper distance on each side of the strip of carpeting H to be secured,—the keepers are respectively slipped onto the respective ends of their rod, and then each keeper in place upon the rod is as to its staple space slipped over the staple, and thereupon the key or fastening pin is slipped through the upper key slot in the keeper, through the staple, and through the lower key slot in said keeper, thereby securing the keeper and its contained stair rod tightly to the riser to which the staples are, as shown in Fig. 3, applied.

It is apparent that the form of the keeper may be varied, and that it may either be cast or be stamped from a blank of sheet metal afterward bent to the proper form, and that it may, of course, be ornamented. The head of the key, which, however may, if desired, be made without a head, may also, if desired, be ornamented. It is apparent that as but three parts, namely the keeper, the key, and the staple, are employed to make each fastening,

that the device is inexpensive, effectual, and easily applied.

I do not herein claim or seek to cover a form of keeper secured by a staple and vertical key, 5 which keeper does not encircle the stair rod but holds it by its edges, as a stair rod fastener embodying such construction forms the subject of another application for Letters Patent filed by me in the United States Patent Office 10 as Serial No. 281,294.

Having thus described my invention, I claim and desire to secure by Letters Patent:—

In a stair rod fastener, in combination, a

staple adapted to be entered in the riser of a flight of stairs, a keeper adapted to partially 15 encircle a stair rod, and the ends of which are adapted to clasp the staple, key slots in said keeper in vertical alignment with the staple, and a key adapted to pass through said slots, substantially as set forth. 20

In testimony whereof I have hereunto signed my name this 6th day of June, A. D. 1888.

CHARLES A. GILDEMEYER.

In presence of—

J. BONSALE TAYLOR,

F. NORMAN DIXON.