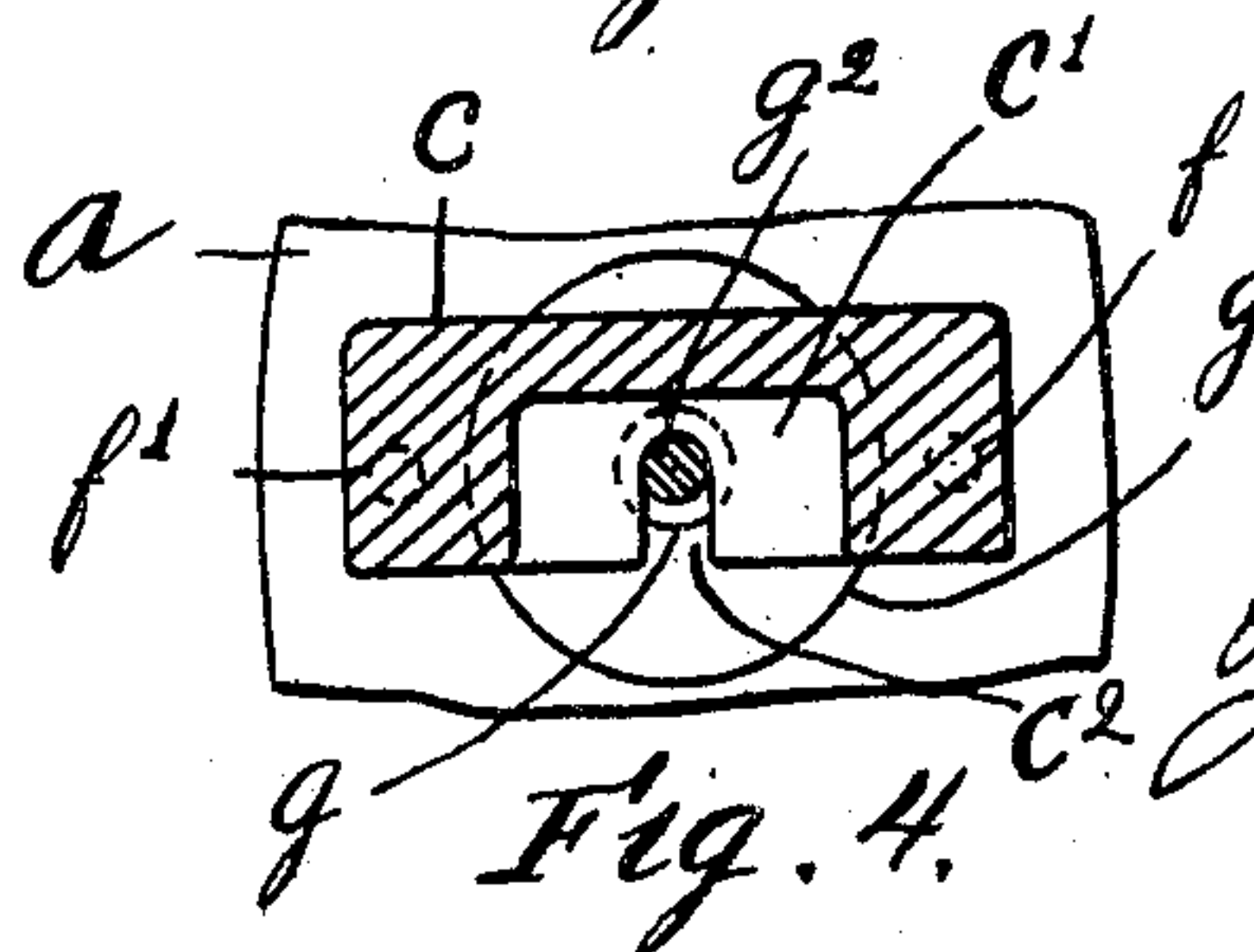
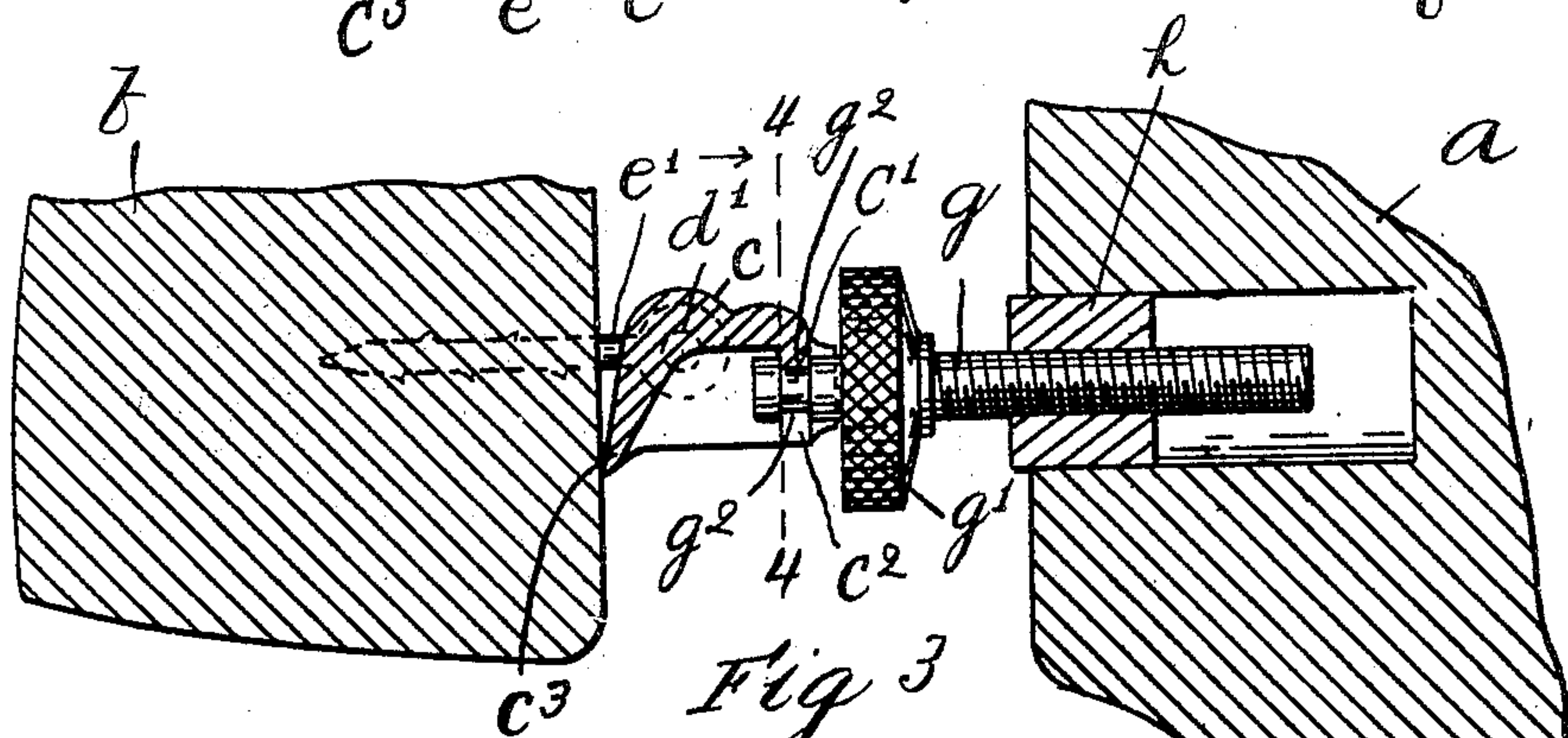
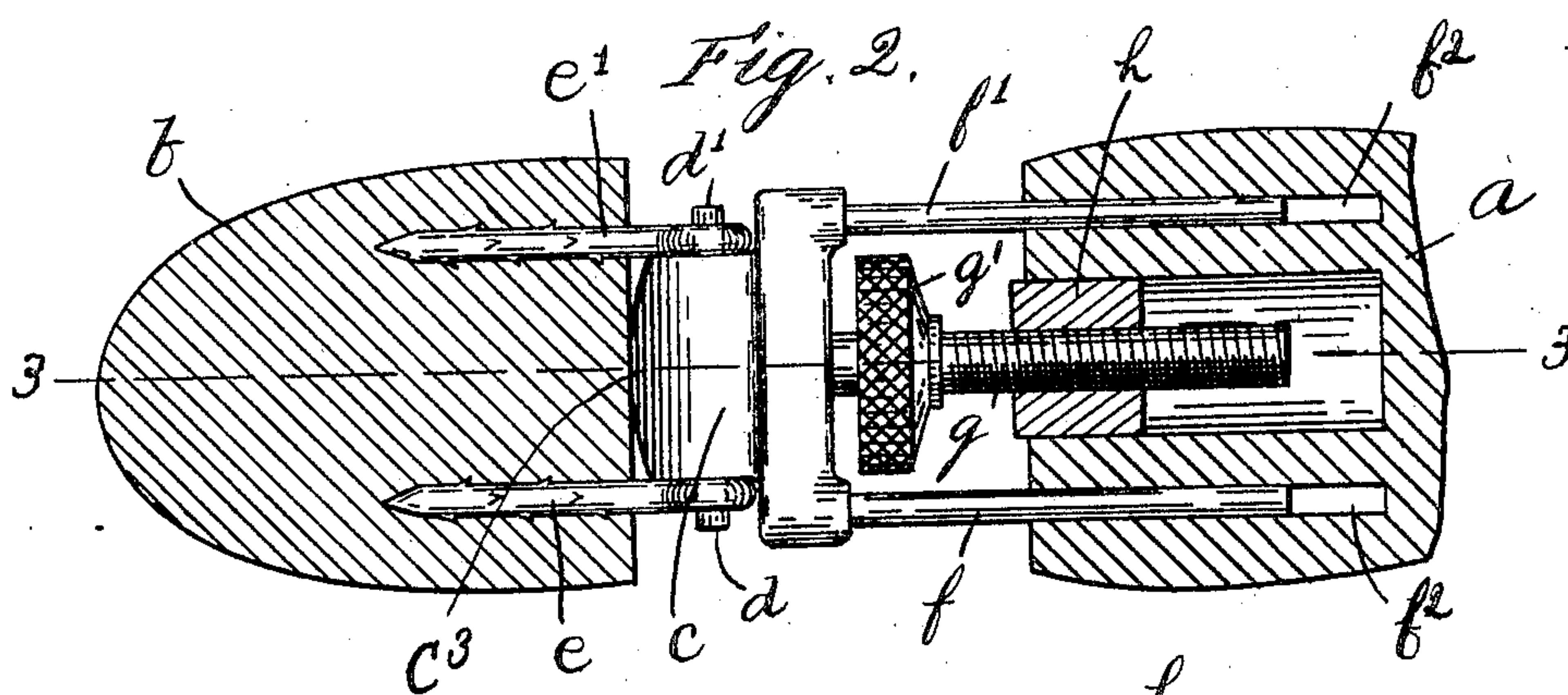
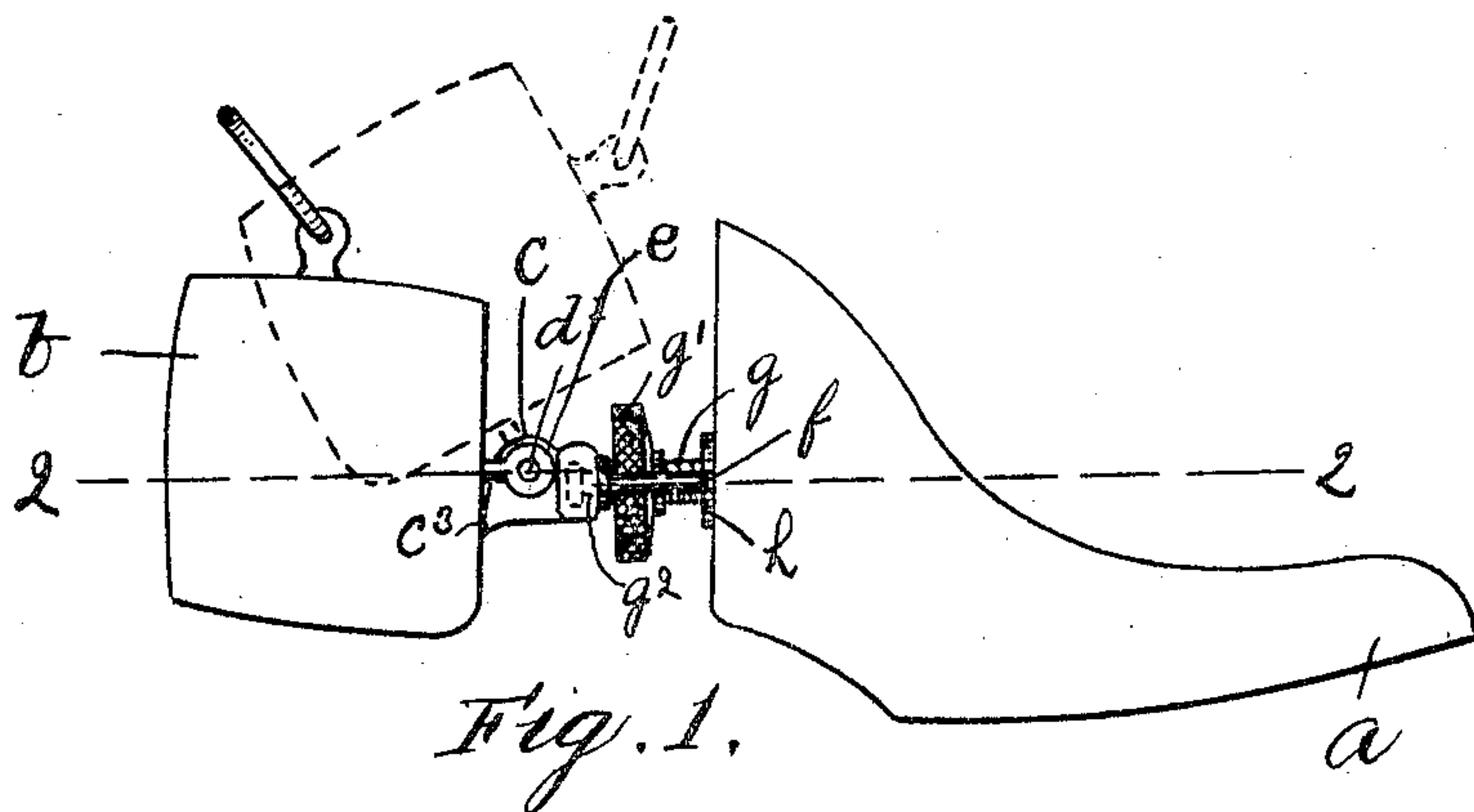


No. 804,359.

PATENTED NOV. 14, 1905.

H. A. WEEKS.
SHOE FORM.

APPLICATION FILED MAY 13, 1905.



Witnesses:
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UNITED STATES PATENT OFFICE.

HORACE A. WEEKS, OF LYNN, MASSACHUSETTS.

SHOE-FORM.

No. 804,359.

Specification of Letters Patent.

Patented Nov. 14, 1905.

Application filed May 13, 1905. Serial No. 260,217.

To all whom it may concern:

Be it known that I, HORACE A. WEEKS, of Lynn, county of Essex, State of Massachusetts, have invented an Improvement in Shoe-Forms, of which the following description, in connection with the accompanying drawings, is a specification, like characters on the drawings representing like parts.

This invention relates to that class of devices known as "shoe-forms" which are especially adapted to be used in keeping the shoe in shape while not in use.

The object of my invention is to provide an extensible shoe-form in which the fore part and heel part are hinged together and which is simple and durable in construction and may be easily placed in the shoe or removed therefrom. I accomplish this object by the means shown in the accompanying drawings, in which—

Figure 1 is a side elevation. Fig. 2 is a horizontal section on the line 2 2 of Fig. 1. Fig. 3 is an enlarged sectional view on line 3 3 of Fig. 2. Fig. 4 is a section on line 4 4 of Fig. 3.

As shown in the drawings, a fore part *a* and a heel part *b* of usual form are provided, and a bracket *c* is also provided, having pivot-lugs *d d'* extending from each side thereof, said lugs being located in eyes formed in the heads of bolts *e e'*, which are driven into the side of the heel part next the fore part, so that the heel part and bracket are securely hinged together. A pair of parallel guide-pins *f f'* are rigidly secured to the side of said bracket next the fore part, and the latter is provided with chambers *f²*, in which said pins are located and adapted to slide. A thumb-screw *g*, having a thumb-grip *g'* in the middle thereof, is provided with an annular groove *g²* at one end, and the front side of said bracket is provided with a depending flange *c'*, having a notch *c²* formed therein and leading from the under side thereof and adapted to receive the annularly-grooved portion of said screw to form a swivel connection therebetween when the parts are held in the position shown. A bushing *h* is secured in the rear end of the fore part, and the screw *g* is threaded therein.

The manner of using the device will be obvious, the fore part being inserted in the shoe and then the heel part, and then the fore part

is pressed as closely into the fore part of the shoe as is desired by means of the thumb-screw.

A stop-lug *c³* is preferably formed on the rear under side of bracket *c* in position to engage the heel part, so that the latter can never swing below the full-line position of Fig. 1. As the bracket *c* is securely hinged to the heel part by the bolts *e e'* and as the pins *f f'* securely hold the fore part from the turning with relation to said bracket, the two parts of the form will always be held in the position for use, or the lengthening or shortening of the device or the swinging of the heel part upward, as shown in dotted lines in Fig. 1, will not otherwise disturb the relative position of said fore and heel part.

The above-described connecting means may be easily made and its parts may be readily assembled, so that the cost of manufacture of the device is not excessive.

Having described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is as follows:

1. A shoe-form comprising a fore part and a heel part, a bracket having a hinged connection with the heel part, a pair of parallel pins rigidly connected to said bracket slidable in said fore part, and a thumb-screw having a swivel connection with said bracket and a threaded connection with said fore part, substantially as described.

2. A shoe-form comprising a fore part and a heel part, a bracket having two pivot-lugs in alinement projecting from each side thereof, a pair of bolts extending into and secured in said heel part and having eyes to receive said lugs, whereby a pivoted connection is provided between said bracket and said heel part, a pair of parallel pins rigidly connected at one end to said bracket, and slidably mounted in said fore part, and an adjusting-screw having a threaded connection with said fore part and a swiveled connection with said bracket, substantially as described.

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

HORACE A. WEEKS.

Witnesses:

LOUIS H. HARRIMAN,
H. B. DAVIS.