

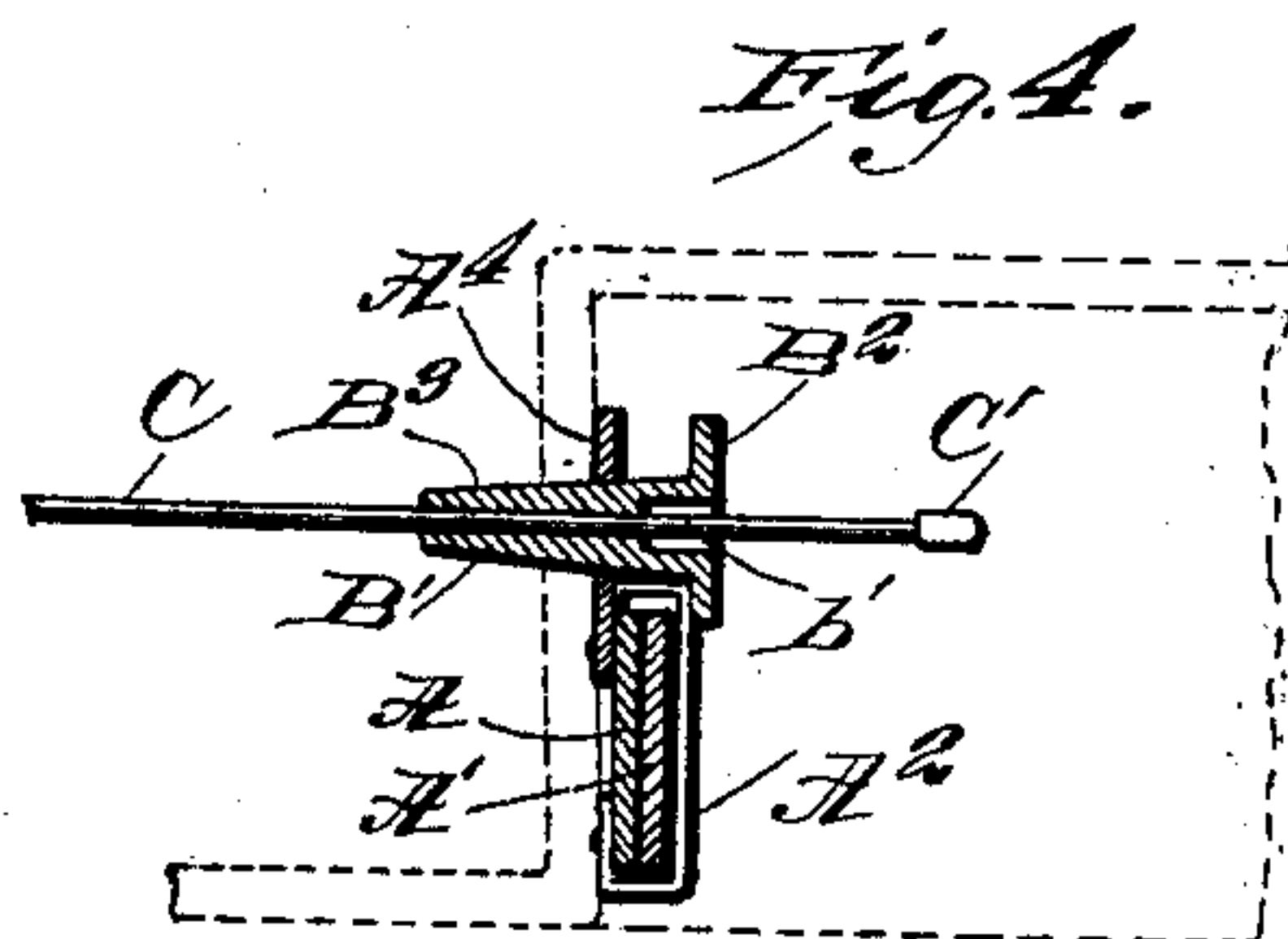
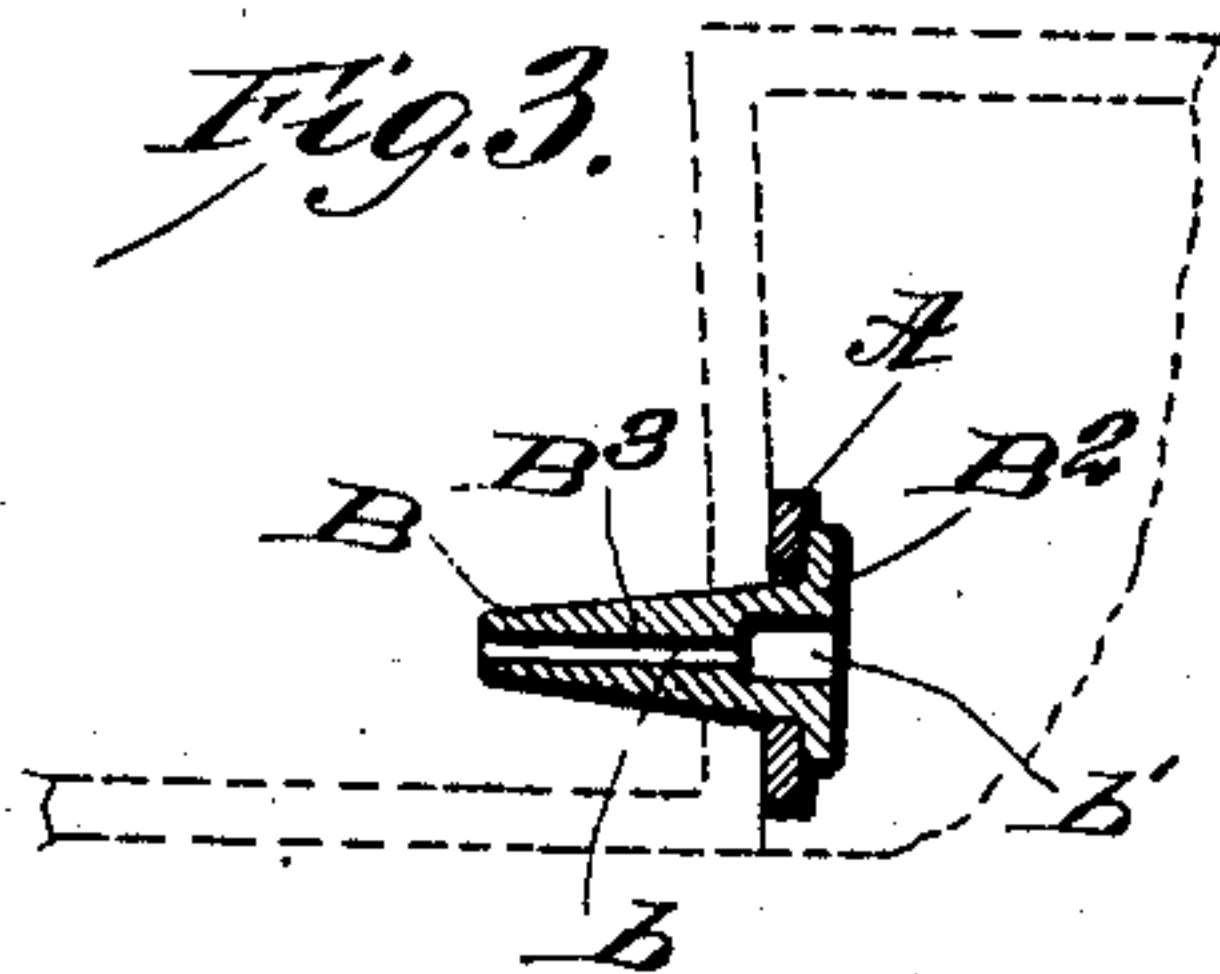
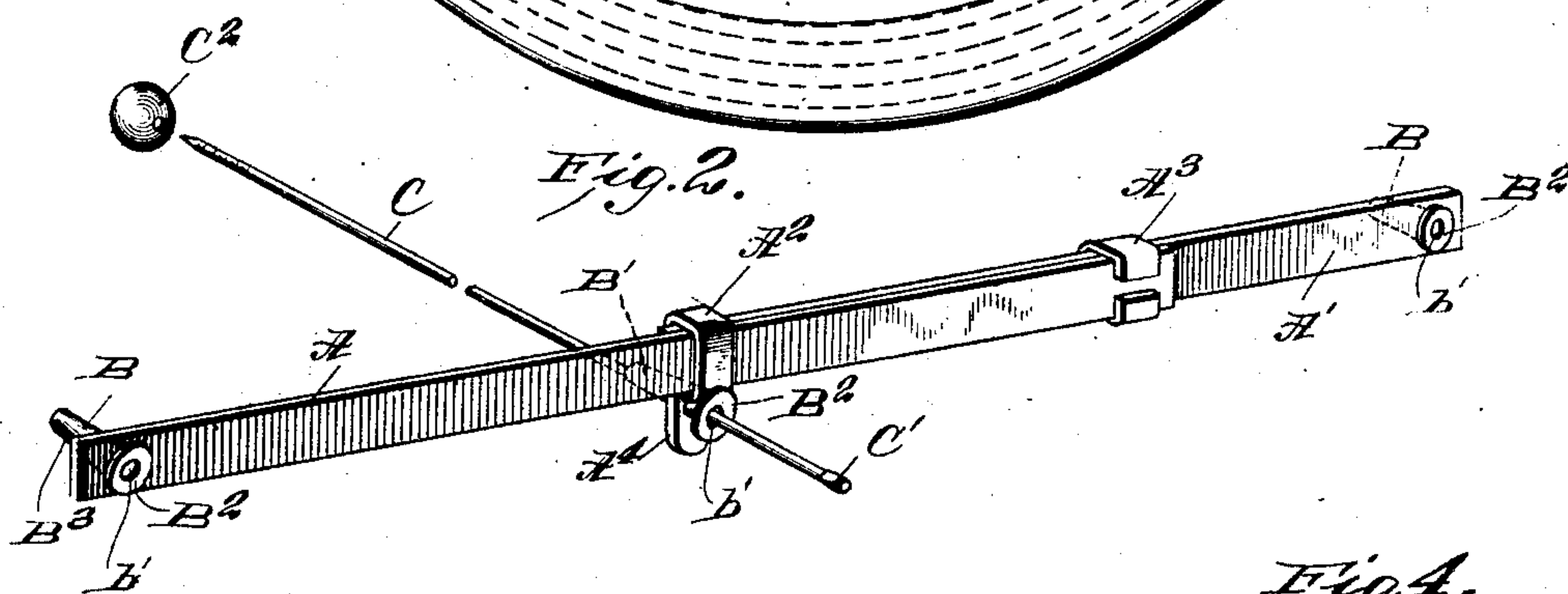
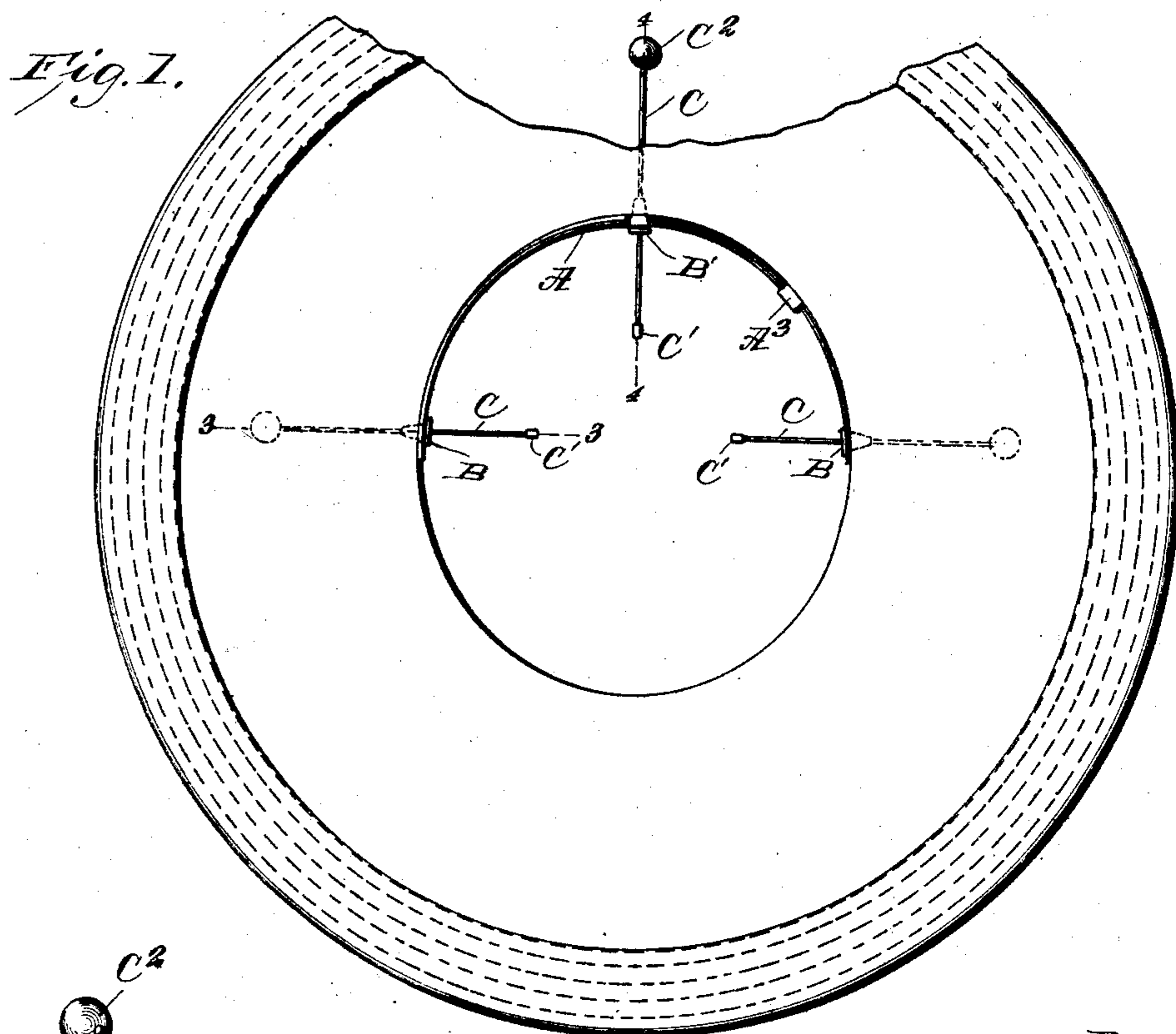
No. 866,656.

PATENTED SEPT. 24, 1907.

M. E. JENNINGS & A. J. WINEBRAKE.

## HAT FASTENER.

APPLICATION FILED DEC. 21, 1906.



WITNESSES

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# UNITED STATES PATENT OFFICE.

MARCUS E. JENNINGS AND ALBERT J. WINEBRAKE, OF SCRANTON, PENNSYLVANIA.

## HAT-FASTENER.

No. 866,656.

Specification of Letters Patent.

Patented Sept. 24, 1907.

Application filed December 21, 1906. Serial No. 348,969.

*To all whom it may concern:*

Be it known that we, MARCUS E. JENNINGS and ALBERT J. WINEBRAKE, citizens of the United States, and residents of Scranton, in the county of Lackawanna and State of Pennsylvania, have invented certain new and useful Improvements in Hat-Fasteners, of which the following is a specification.

This invention is an improvement in hat fasteners, and consists in certain novel constructions and combinations of parts as will be hereinafter described and claimed.

In the drawing Figure 1 is a bottom plan view of a hat provided with our improvements. Fig. 2 is a detail view of the holder. Fig. 3 is a detail section on the line 3—3 of Fig. 1. Fig. 4 is a detail section on the line 4—4 of Fig. 1.

By our invention, we seek to provide in connection with hat pins, a holder therefor which will be self-retaining in the hat, will be adjustable to fit any size or shape of crown, and will be provided with a bushing or sleeve through which the pins slide to avoid wear of the hat material, and also to steady the pins in position.

The invention also contemplates an improved pin having on one end an enlargement or boss to avoid injury to the scalp and also to limit the outward movement of the pin, the other end of the pin being pointed so it will puncture the material of the hat to form an opening for the sleeve or bushing, and such end being also threaded to receive any suitable form of hat ornament, which may be conveniently removed and replaced, as desired.

In the construction shown, the holder A is preferably made in sections A' lapping together at one end and held together at such end by loops or keepers A<sup>2</sup> and A<sup>3</sup> so the sections may slide upon each other in order to adjust the holder to hat crowns of different sizes. This holder A is normally approximately straight so that when bent to fit any hat crown it will have an outward tension and will bind thereby within the crown of the hat and hold the bushings B and B' in position to protrude through the hat material when the holder is inserted in the crown.

The keeper A<sup>4</sup> preferably supports the bushing B', the several bushings B and B' being alike and tapered at their outer ends toward a point so that they may readily slip through the fabric of the hat crown and have the inner ends of their bores b countersunk at b' to receive the bosses on the inner ends of the pins when the pins are drawn outward in placing the hat on and removing it from the head. These bushings are provided at their inner ends with flanges B<sup>2</sup> and with tubular portions projecting outwardly from the

flanges B<sup>2</sup>, and in securing them to the holder, which latter is preferably of spring metal, we perforate the holder and pass the sleeve B<sup>3</sup> through the opening with the flange B<sup>2</sup> lapping against the inner side of the plate and soldered or otherwise secured in place.

The sleeves of the bushing form an elongated guide for the pins C so the latter will be steadied in position in forcing them in the hat and when in the hat, in securing the hat in place. These pins C are provided at their inner ends with bosses or enlargements C' which when the pins are retracted fit within the countersunk portions b' of the bores b of the bushings, and which when forced inwardly will pass through the hair but will not injure the scalp in the practical use of the invention. At their outer ends the pins C are pointed so they may be utilized in forming openings in the hat crown for the bushings B and B', and such outer ends of the pins are threaded so that the heads C<sup>2</sup> may be screwed thereon so they can be easily applied and removed.

By this invention it will be noticed that we provide a holder adapted to spring outwardly within the hat crown and having on its outer side outwardly projecting tubes to protrude through the hat crown and form elongated guides for the pins.

By making this holder in sections it may be adjusted to fit different sized crowns and the bushings having the tubes projecting outwardly from the holder plate not only operate as guides for the pins, but also operate as means for retaining the holder within the crown when applied for use. It will be noticed that by countersinking the inner ends of the bores of the bushings, the bosses at the inner ends of the pins may be incased therein when drawn outwardly so they will present no obstructions in placing a hat on or removing it from the head.

I claim—

1. A hat fastener comprising a holding plate made in sections slidable along each other, whereby the holder may be adjusted to hat crowns of different sizes, said holder being normally straight whereby it may spring outwardly within the hat crown and bushings secured to said holder and having tubes projecting outwardly therefrom whereby to protrude through a hat crown, the bores of said bushings being countersunk at their inner ends, and pins sliding in said bores and provided at their inner ends with bosses which may be incased within the countersunk ends of said bores, and heads held removably on the outer ends of said pins, substantially as and for the purpose set forth.

2. In a hat fastener a holder plate normally straight and adapted when bent into bow form to spring outward within a hat crown and tubes projecting outwardly therefrom to protrude through a hat crown, and forming elongated guides for the hat pins, substantially as set forth.

3. A hat fastener comprising a holder normally straight whereby when bent into bow form it may spring outwardly

within a hat crown, and a bushing secured thereto and having a flange at its inner end lapping against the inner face of the holder, and a tube projecting outward therefrom and adapted to protrude through a hat crown, substantially as set forth.

5 4. A hat fastener comprising a resilient holder in the form of a plate normally approximately straight whereby when bent into bow form to fit within a hat crown it may spring outwardly therein and provided with bushings hav-

ing tubes projecting outwardly from said plate and adapted 10 to protrude through a hat crown and retain the holder and also to form elongated guides for the hat pins, substantially as and for the purpose set forth.

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