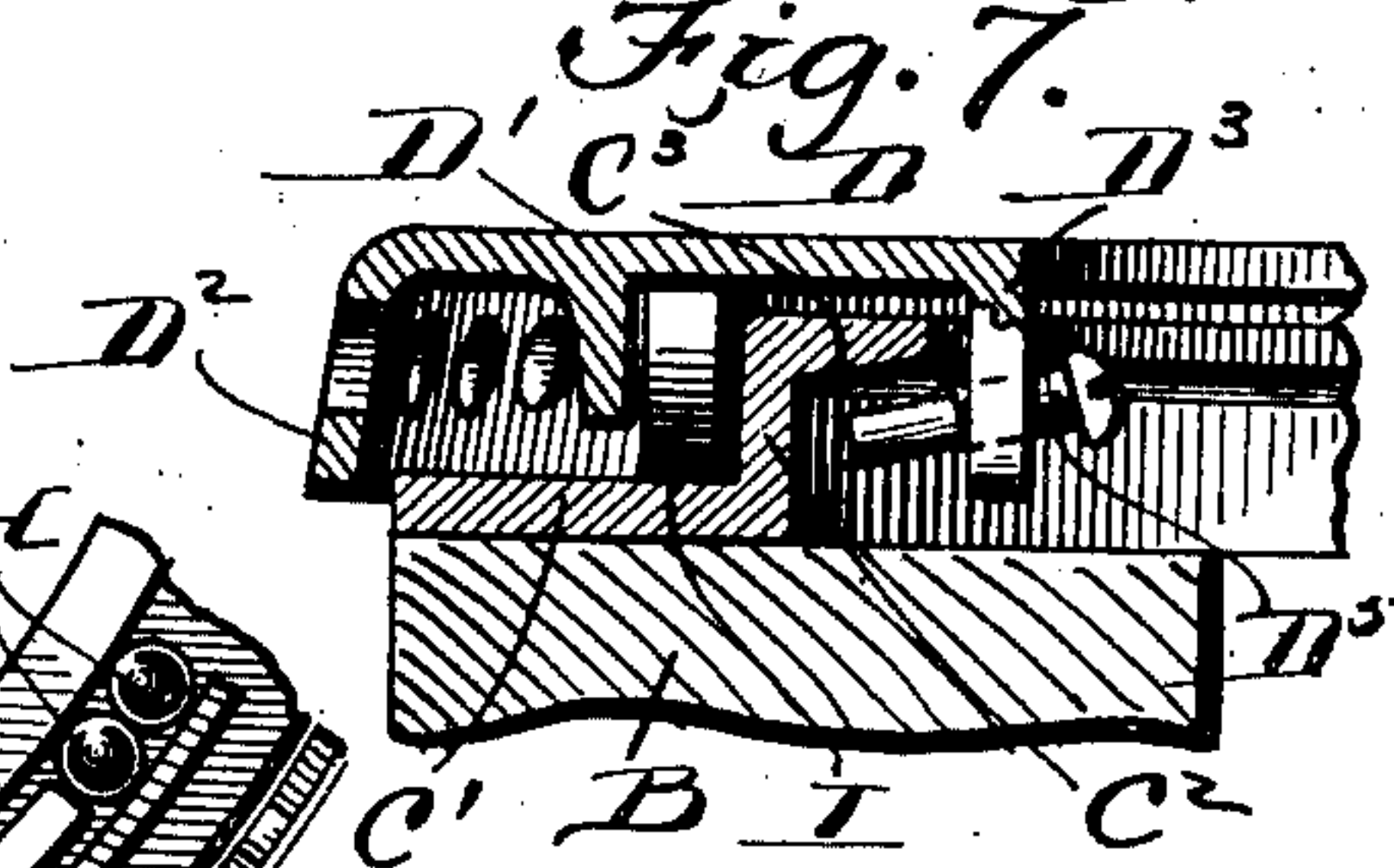
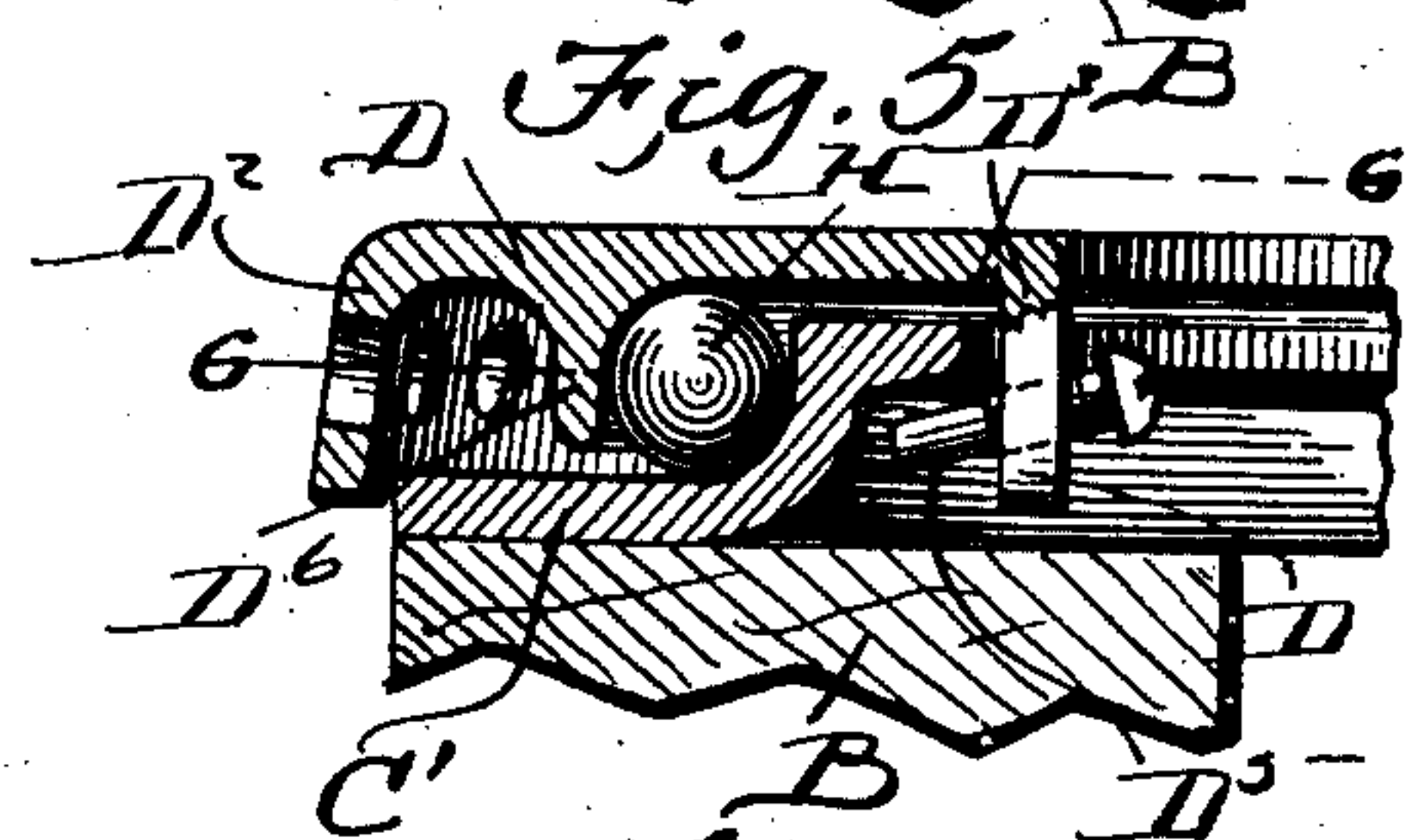
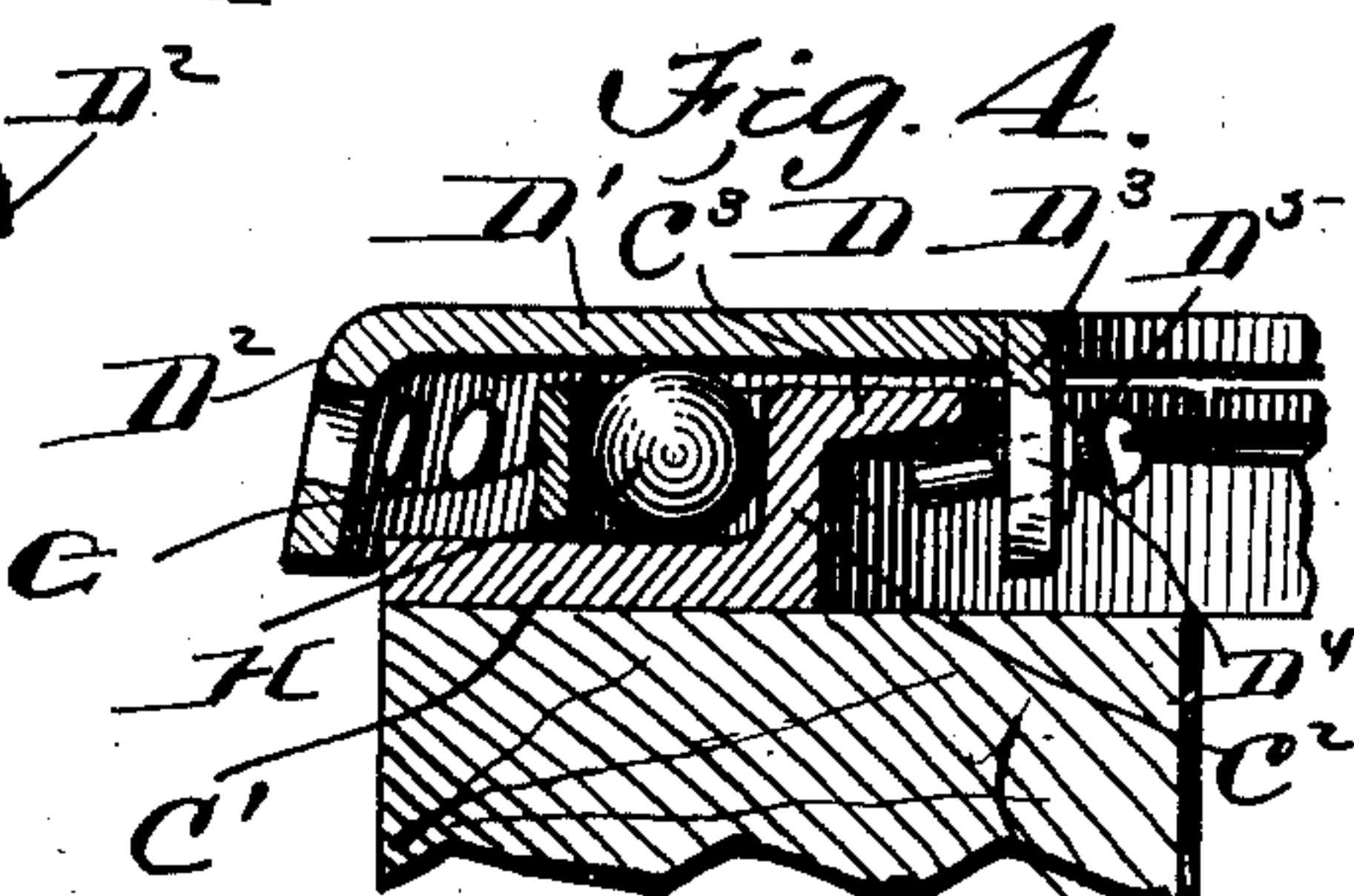
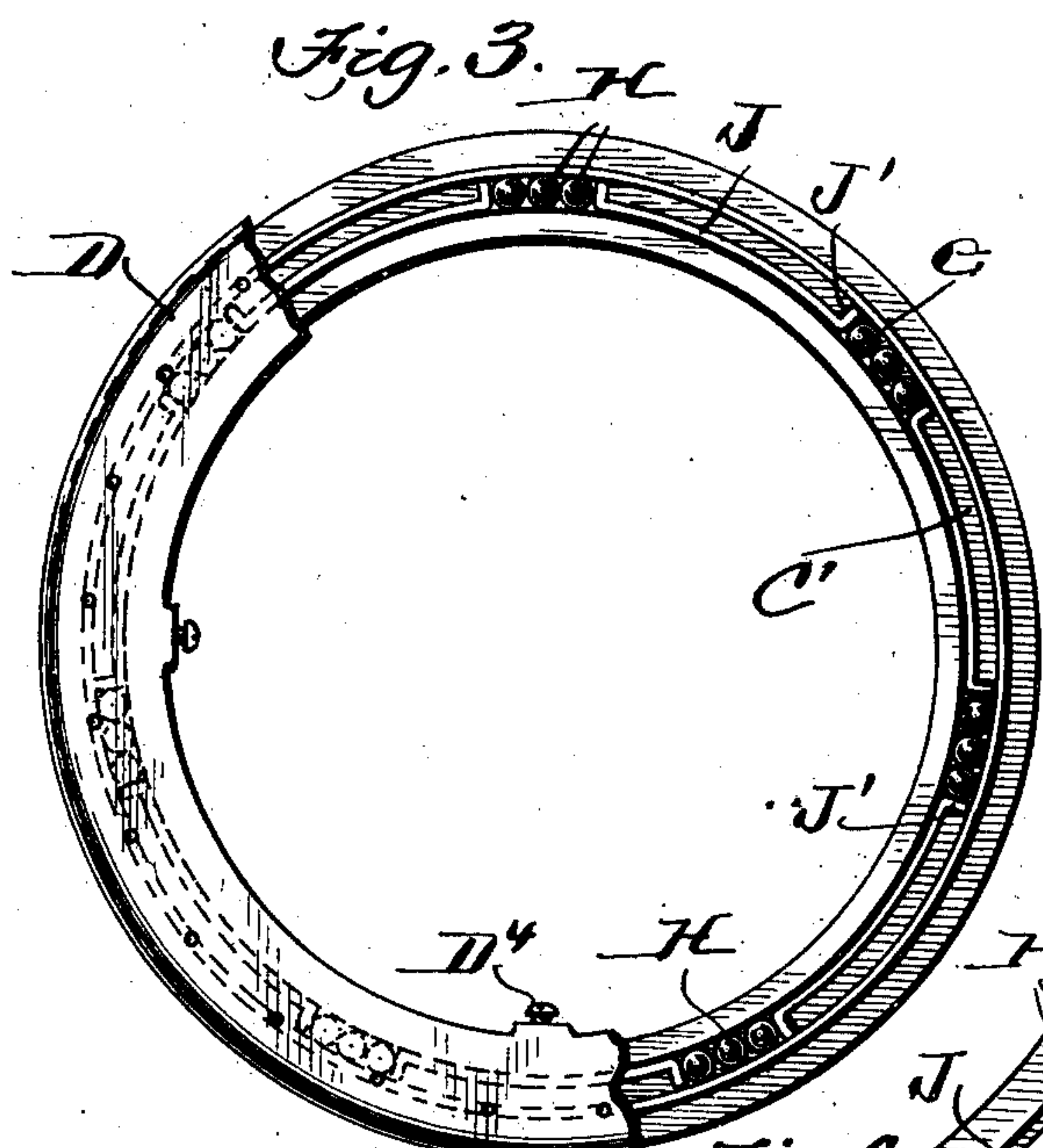
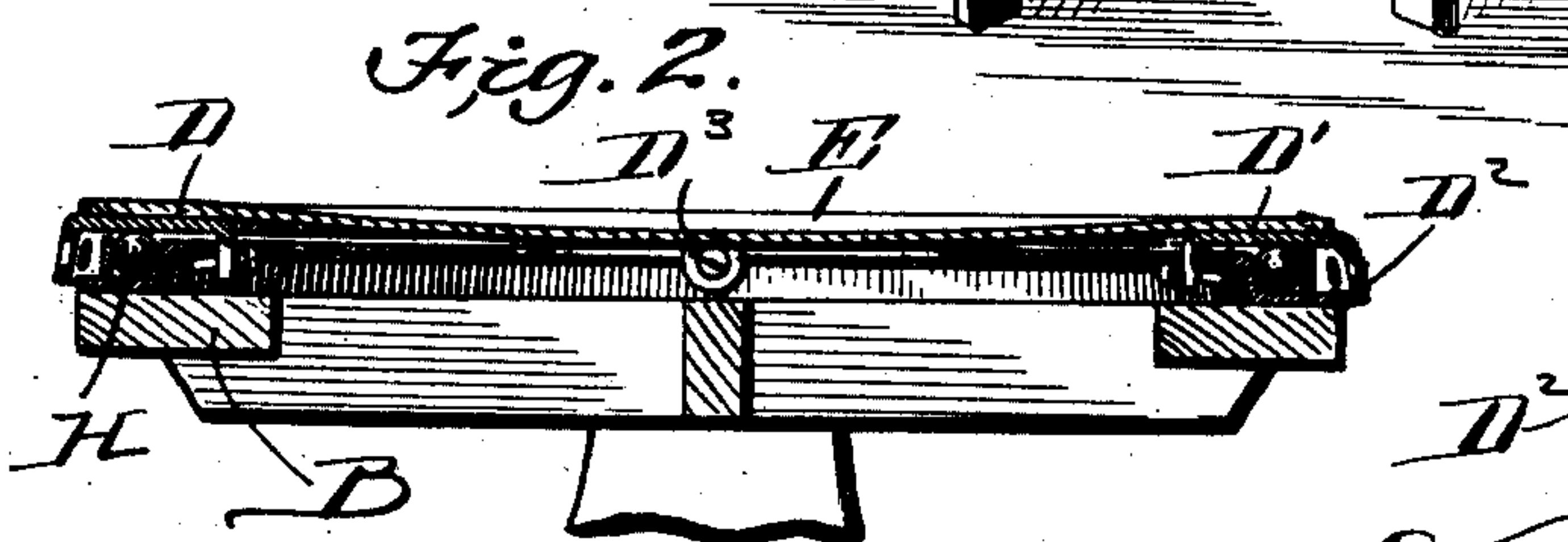
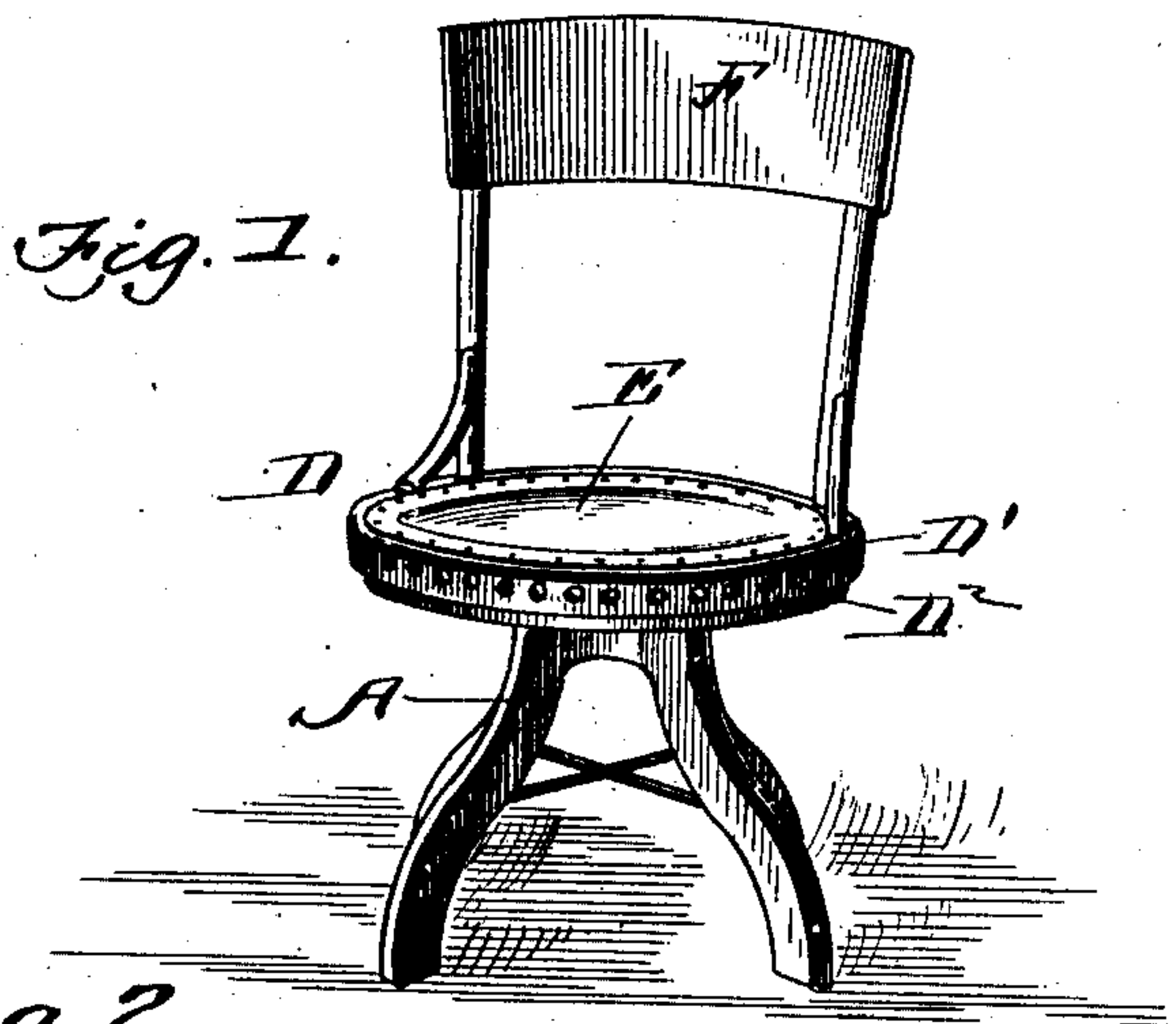


No. 826,917.

PATENTED JULY 24, 1906.

I. E. BEDELL.
REVOLVING CHAIR.
APPLICATION FILED AUG. 1, 1905.



WITNESSES:
W. B. Blondel.
Rea. B. Wright.

INVENTOR
I. E. Bedell.
BY
Osmond Brock
ATTORNEYS

UNITED STATES PATENT OFFICE.

ISAAC E. BEDELL, OF YORK, PENNSYLVANIA.

REVOLVING CHAIR.

No. 826,917.

Specification of Letters Patent.

Patented July 24, 1906.

Application filed August 1, 1905. Serial No. 272,254.

To all whom it may concern:

Be it known that I, ISAAC E. BEDELL, a citizen of the United States, residing at York, in the county of York and State of Pennsylvania, have invented a new and useful Revolving Chair, of which the following is a specification.

My invention relates to certain new and useful improvements in revolving chairs, and has for its object to provide a seat for a chair revolving on balls or rollers.

Another object of my invention is to provide a chair that will be very simple and cheap in construction and one that the legs are held stationary while the seat and back are allowed to revolve.

With these objects in view my invention consists of the novel construction and combination of parts hereinafter described, and pointed out in the claims and shown in the accompanying drawings, in which—

Figure 1 is a perspective view of my improved chair. Fig. 2 is a vertical sectional view of the chair. Fig. 3 is a top plan view with the top casing partly broken away. Fig. 4 is a detail vertical section. Fig. 5 is a vertical section showing a modification. Fig. 6 is a detail view showing the modification of the separating-link, and Fig. 7 is a modification showing roller-bearings used.

Referring to the drawings, A indicates the legs of the chair, upon which the circular seat B is mounted, having secured on its upper face a circular casing C, consisting of the flat plate C', having the upwardly-extending flange C² and the inwardly-extending flange C³. The upper-extending flange C² may be formed curved, as shown in Fig. 5, or at right angles, as shown in Figs. 4 and 7, so that balls or rollers can be used, as desired.

Fitting on the casing C is the housing D, carrying the chair-bottom E and the back F, and consists of a circular plate D', having a downwardly-projecting perforated flange D² extending around its outer edge and downwardly-projecting ears D³ on its inner edge provided with screw-threaded openings D⁴, carrying machine-screws D⁵, adapted to extend inwardly under the extension C³ of the casing C and lock the housing thereto.

The housing, as shown in Figs. 5 and 6, is provided with a circular downwardly-projecting lug D⁶, which may be formed with a straight or curved side, as may be desired, so that a roller or balls can be used. Instead of using a lug D⁶, I prefer to use a circular hoop

G between the casing C and the housing D. Arranged between the hoop G or the lugs D⁶, as the case may be, and the flange C² of the casing C, I arrange a series of balls H or rollers I, which are held apart by a separating-link J, which may be made solid, as shown in Fig. 6, or out of wire, as shown in Fig. 3, having its ends J' bent at right angles, so as to fill the space between the flanges C² and the hoop G.

From the foregoing description it will be seen that I provide a simple and effective manner of constructing a ball-bearing revolving chair which is provided with a bottom so mounted that it will move with the person using it with the greatest ease, thereby overcoming the difficulty that now exists of the user turning and the chair not turning with him.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a device of the kind described, the combination with a chair, of a casing having an inwardly-extending flange of a housing carried by the bottom of the chair, and screws carried by said housing adapted to fit under the inwardly-extending flange of the casing, for the purpose described.

2. In a device of the kind described, the combination with a chair, of a casing provided with an upwardly and inwardly extending flange, a hoop arranged on said casing, balls arranged between the upwardly-extending flange, and the hoop, and a housing resting on said balls, and secured thereon, carrying the chair bottom and back, for the purpose described.

3. In a device of the kind described, the combination with a chair, of a casing provided with an upwardly and inwardly extending flange, rollers carried by said casing, a bottom carrying the housing resting on said rollers, provided with a downwardly-projecting lug, and means carried by said housing for locking the two together, for the purpose described.

4. In a device of the kind described, the combination with a chair, of a casing provided with an upwardly and inwardly extending flange, mounted on the seat of a chair, a hoop arranged on said casing balls arranged between the hoop and the upwardly-extending flange, a housing resting on said balls, links arranged between said balls in the casing, downwardly-projecting lugs, formed

on said housing provided with screw-threaded openings, and screws mounted in said openings adapted to extend under the flange of the casing, for the purpose described.

- 5 5. In the device of the kind described, the combination with a chair, of a circular casing having an inwardly-extending flange, a hoop arranged on said casing, balls arranged on said casing, spaced by links, a housing pro-
10 vided with a downwardly-projecting flange arranged on said balls, spaced downwardly-

projecting lugs formed on said housing, provided with screw-threaded openings, screws working in said openings adapted to extend under the flange of the casing, and prevent 15 the housing from coming off, for the purpose described.

ISAAC E. BEDELL.

Witnesses:

THOMAS SHILDT,
GEORGE S. DELLINGER.