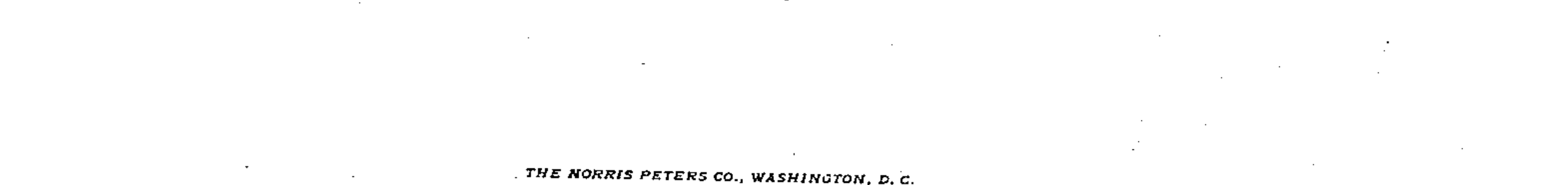
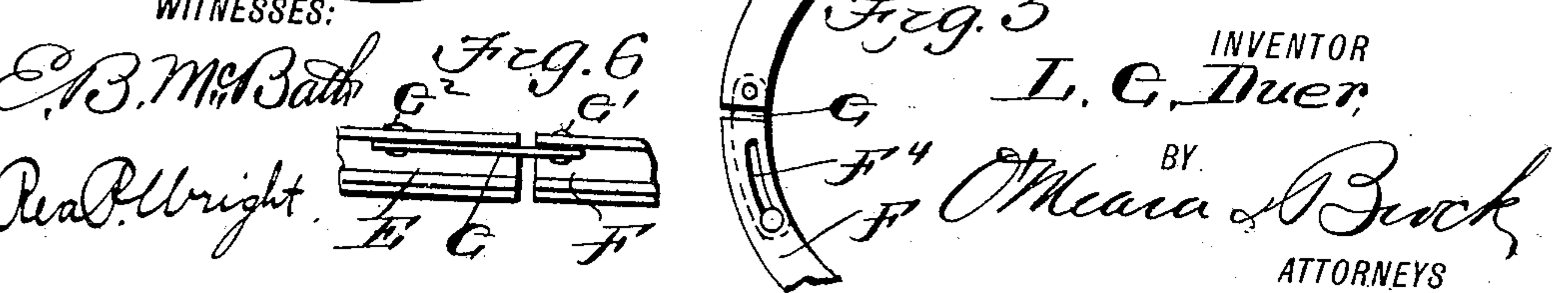
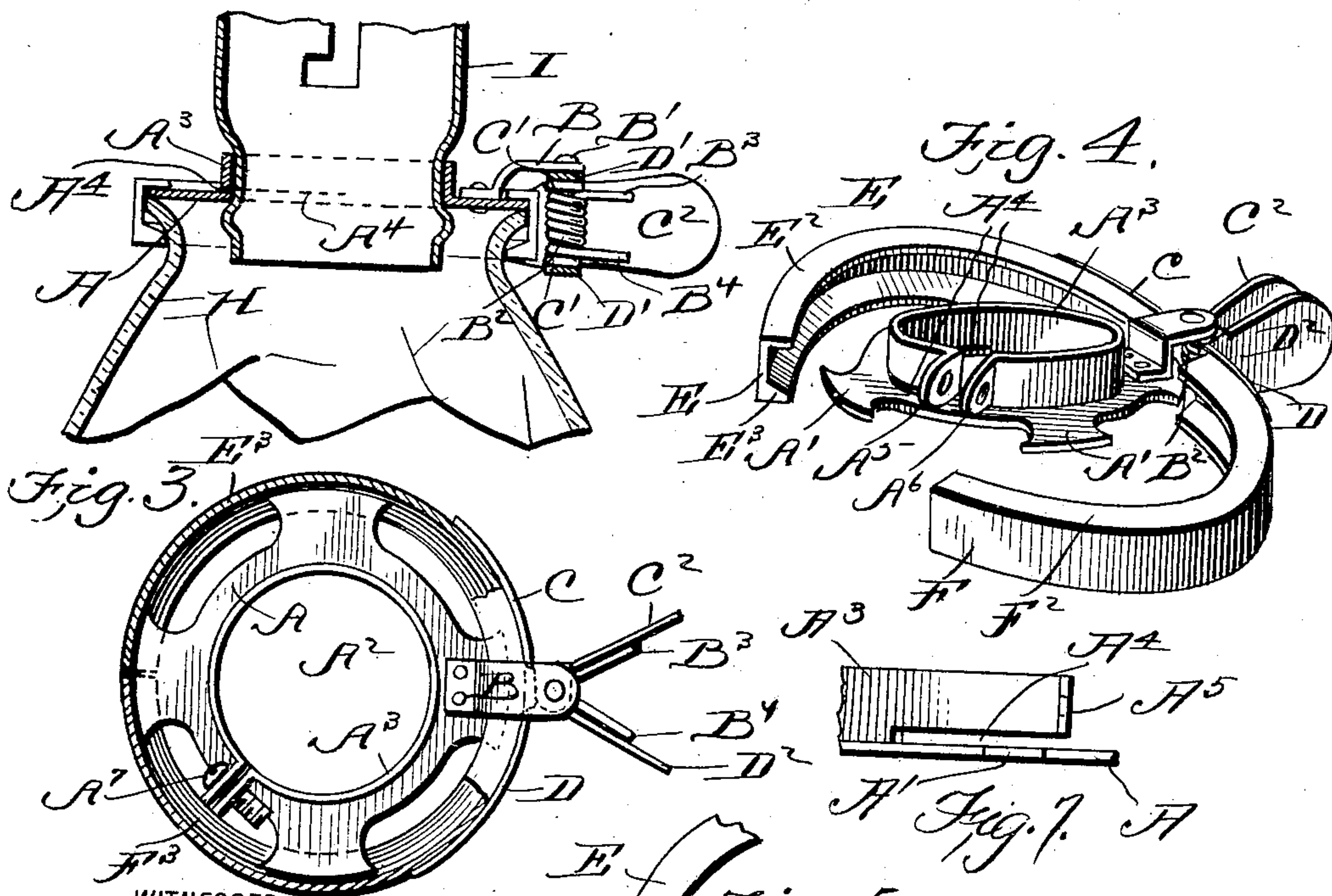
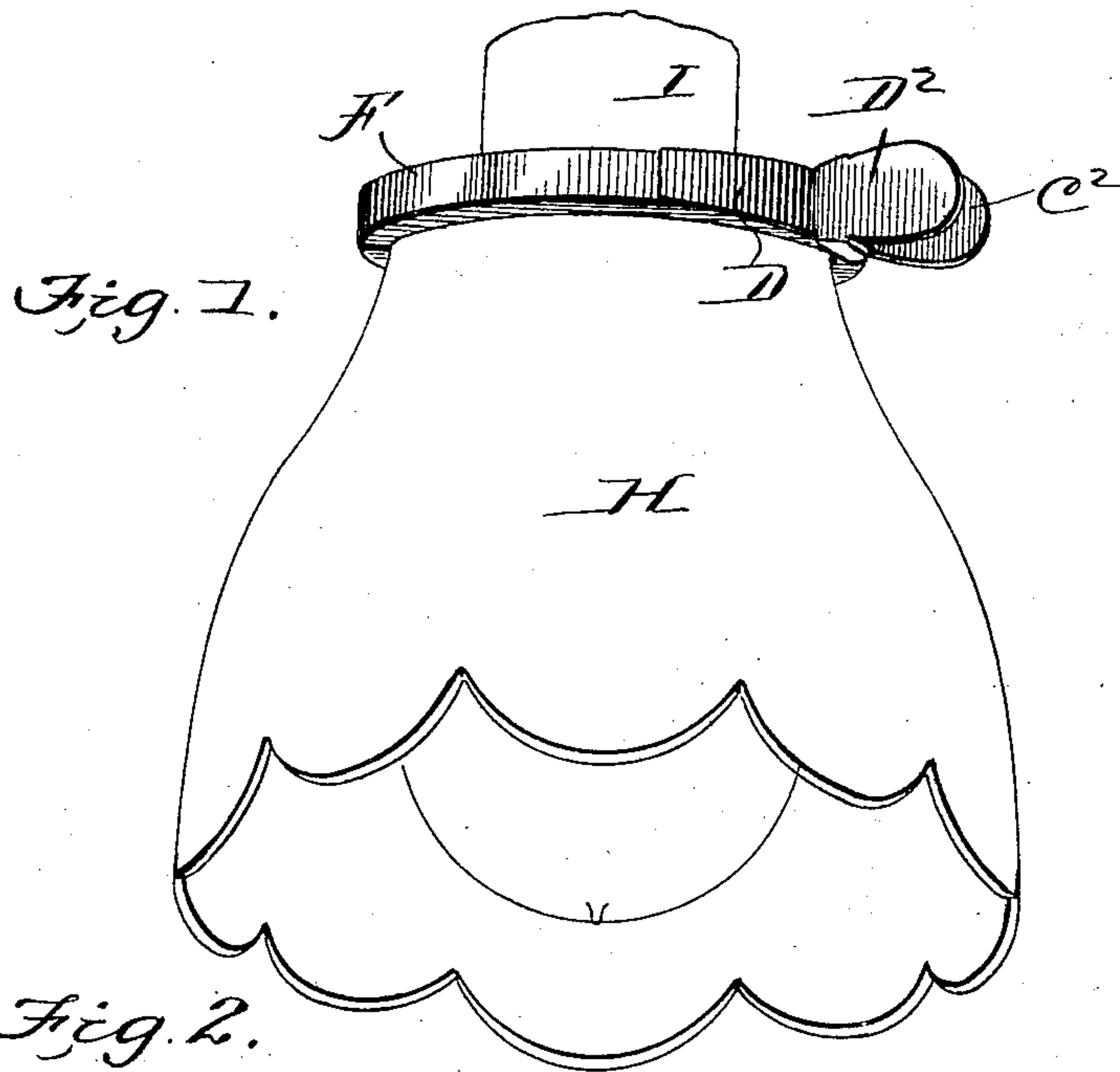


No. 865,366.

L. G. DUER.
GLOBE FASTENER.
APPLICATION FILED JULY 8, 1905.

PATENTED SEPT. 10, 1907.



UNITED STATES PATENT OFFICE.

LENNA G. DUER, OF COLORADO SPRINGS, COLORADO.

GLOBE-FASTENER.

No. 865,366.

Specification of Letters Patent.

Patented Sept. 10, 1907.

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To all whom it may concern:

Be it known that I, LENNA G. DUER, a citizen of the United States, residing at Colorado Springs, in the county of El Paso and State of Colorado, have invented
5 a new and useful Globe-Fastener, of which the following is a specification.

My invention relates to certain new and useful improvements in globe fasteners, and especially those adapted to be applied to electric sockets and has for
10 its object to provide a fastener that can be attached to any socket.

Another object of the invention is to provide a globe fastener with spring actuated jaws, so that the globe can be inserted or removed with the greatest of ease
15 and at the same time will be securely held therein when closed.

A further object of the invention is to provide a globe fastener which is very simple and cheap in construction, and one that can be operated with one hand, so
20 that the globe can be inserted or removed with the other, as may be desired.

With these objects in view, my invention consists of the novel features of construction, and arrangement of parts hereinafter fully described and pointed out in the
25 claims.

In the drawings forming a part of this specification:—
Figure 1 is a perspective view of the fastener applied to a socket supporting a globe. Fig. 2 is a sectional
30 view of a socket and fastener showing the globe attached. Fig. 3 is a top plan view of the fastener partly in section. Fig. 4 is a perspective view of the fastener, and Figs. 5 and 6 are detail views. Fig. 7 is a detail view of the clamping flange.

Referring to the drawings, A, indicates a circular
35 plate provided with outwardly projecting arms A', and a central opening A², having an upwardly projecting flange A³, split away at A⁴, and its end bent outwardly forming perforated ears A⁵, and A⁶, the ear A⁶, being screw-threaded, and is adapted to receive the screw
40 A⁷, which passes through the opening in the ear A⁵, and draws the flange tightly around the socket I, and securely lock it thereto.

Secured to one of the arms A', is a supporting arm B, carrying a pin B', which passes through ears C', and
45 D', formed on the wings C², and D², of the plates C, and D, and is surrounded by a coil spring B², the ends B³, and B⁴, of which extend outwardly between the wings C², and D², and hold them apart.

Carried by the plates C, and D, are the curved jaws
50 E, and F, provided with grooves E' and F', formed by the upper square flanges E², and F², and the lower

beveled flanges E³, and F³, adapted to receive the flange of the globe H, which is securely clamped therein by the action of the spring between the arms A', which fits under the upper flanges E², and F², when
55 closed, and the lower flanges E³, and F³.

To limit the outward movement of the jaw, I secure to the wall of the groove E' of the jaw E, a curved plate G, by the pin G', which is provided at its other end with a pin G², adapted to slide in the slot F⁴, formed
60 in the wall of the groove F' of the jaw F.

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

1. A globe fastener comprising a plate, provided with a central opening, having a clamping flange extending upwardly therefrom, of grooved clamping jaws pivotally connected to said plate, and spring means connected to said
65 jaws for closing said jaws, for the purpose described.

2. A globe fastener comprising a plate, having arms extending therefrom, an opening formed in said plate, provided with an upwardly extending clamping flange, the ends of said flange being connected together by an adjusting screw, of spring actuated jaws carried by said plate and means connected to said jaw for opening said jaws, for the purpose described.
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3. A globe fastener comprising a plate provided with clamping members, of clamping jaws carried by an arm secured to said plate, plates secured to said jaws having wings provided with ears, a pin passing through the supporting arm, and said ears, and spring means carried by
75 said pin for closing said jaws, for the purpose described.

4. In a globe fastener, the combination with a plate provided with a central opening having an upwardly extending flange provided with outwardly extending perforated ends, of grooved jaws carried by said plate, one of the jaws
80 being provided with a slot in the wall of the groove, a curved plate carried by the other jaw provided with a pin working in said slot, and means connected to said jaws for operating the same.

5. In a globe fastener, the combination with a plate having outwardly projecting arms, a central opening formed in said plate provided with an upwardly projecting flange, cutaway adjacent to one end, the ends of said flange being turned outwardly forming perforated ears, a screw adapted to work in said ears, of spring actuated grooved jaws carried by an arm connected to said plate, and means connected to said jaws for limiting the outward movement of the same, for the purpose described.
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6. In a globe fastener, the combination with a plate provided with outwardly projecting arms, a central opening formed in said plate provided with an upwardly projecting flange having outwardly extending apertured ends, the flange being cut away from the plate adjacent one end, a screw adapted to work in said ends, of an arm secured to one of the arms of the plate provided with a downwardly projecting pin, wings mounted on said pin, a coil spring surrounding said pin, the ends of which engage the wings, and grooved jaws connected to said wings provided with means for limiting the outward movement of the same, for the purpose described.
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7. In a globe fastener, the combination with a plate

having outwardly projecting arms, of a central opening
formed in said plate provided with an upwardly projecting
flange cut away adjacent one end, grooved jaws pivoted to
said plate and spring means for holding said jaws around
5 said plate, for the purpose described.

8. In a globe fastener, the combination with a plate
having outwardly extending arms and a central opening,
of clamping members surrounding said openings, a sup-
porting arm secured to one of the arms of said plate, plates

provided with wings pivoted on a pin carried by said sup- 10
porting arm, grooved jaws carried by said plates, and a
spring surrounding said pin adapted to throw the jaws into
engagement with the arms of the plates, for the purpose
described.

LENNA G. DUER.

Witnesses:

W. S. HEATH,
G. A. C. DUER.