

(No Model.)

O. F. BACON.
TABLE CASTER FRAME.

No. 285,544.

Patented Sept. 25, 1883.

Fig. 1.

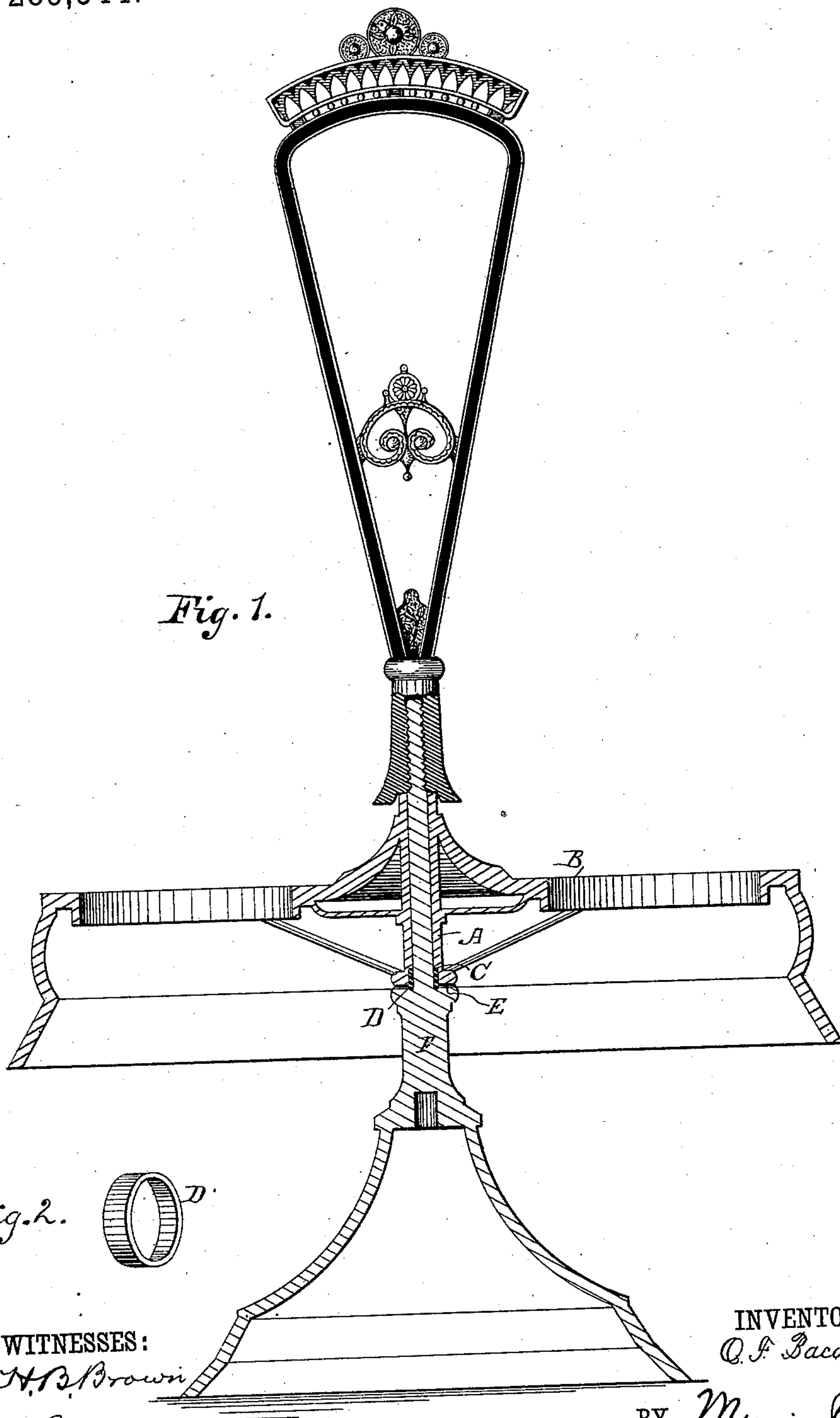
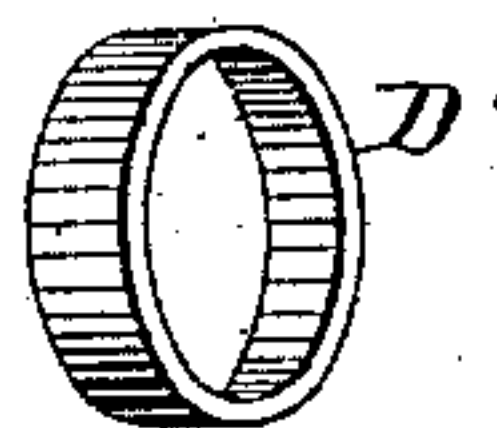


Fig. 2.



WITNESSES:

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INVENTOR:

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BY

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UNITED STATES PATENT OFFICE.

ORIN F. BACON, OF TAUNTON, MASSACHUSETTS, ASSIGNOR TO REED & BARTON, OF SAME PLACE.

TABLE-CASTER FRAME.

SPECIFICATION forming part of Letters Patent No. 285,544, dated September 25, 1883.

Application filed July 17, 1883. (No model.)

To all whom it may concern:

Be it known that I, ORIN F. BACON, of Taunton, in the county of Bristol and State of Massachusetts, have invented a new and
5 useful Improvement in Table-Caster Frames, of which the following is a full, clear, and exact description, reference being had to the annexed drawings, forming part of this specification.

10 The object of this invention is to provide an anti-frictional bearing for a bottle-holder in a caster, on which the holder will revolve smoothly and without noise or rattling between the standard and holder; and the invention consists of the construction hereinafter described and claimed.

In the drawings, Figure 1 is a vertical section of a caster-frame, showing the invention; and Fig. 2 is a detail view.

20 In a caster-frame the friction is greatest at the lower end of the hub of the rotary bottle-holder, causing the soft metal commonly employed in such articles to wear away until the hub at said end is too large for the supporting-pintle, which gives rise to a rattling between the parts when the holder is rotated.
25 This is due to the fact that the hub and the shoulder of the standard on which the hub rests are made of the same metal. To overcome this defect, and at the same time to provide for a free and easy movement of the bottle-holder on the pintle, I form the lower end of the box or hub A in the bottle-holder B with an enlarged portion, C, and into this enlarged portion is driven a ring or band, D, of
30 some harder metal. The depth of the en-

larged portion of the hub is to be such that the lower end of the band D will slightly project from the hub and form a contact-surface for supporting the holder B on the shoulder 40 E of the standard F. The edge of this lower end is rounded off, as shown.

The band D may be made in one piece, or in the form of a cut band, so that it may be slightly compressed when driven into the hub, 45 and may thus bind against the inner surface of its seat to prevent it from coming loose. The band can be conveniently made in either form.

Instead of placing the band in the hub, as 50 above described, it may be placed over the pintle and adjusted down upon the shoulder of the standard.

I do not broadly claim a bushing for a spindle; but 55

What I claim is—

1. The hard-metal ring or band D, having the edge of one end rounded off, as shown, in combination with the standard F and holder B, the said rounded edge being made to project 60 from the holder to form a bearing against the shoulder of the standard, substantially as shown and described.

2. The hard-metal band D, made in the form of a cut ring and having the edge of one 65 end rounded off, as shown, and for the purpose specified.

ORIN F. BACON.

Witnesses:

ELISHA T. JACKSON,
F. E. FISKE.