

No. 762,471.

PATENTED JUNE 14, 1904.

S. DÖRI.
CASTER.

APPLICATION FILED MAR. 3, 1904.

NO MODEL.

Fig. 1.

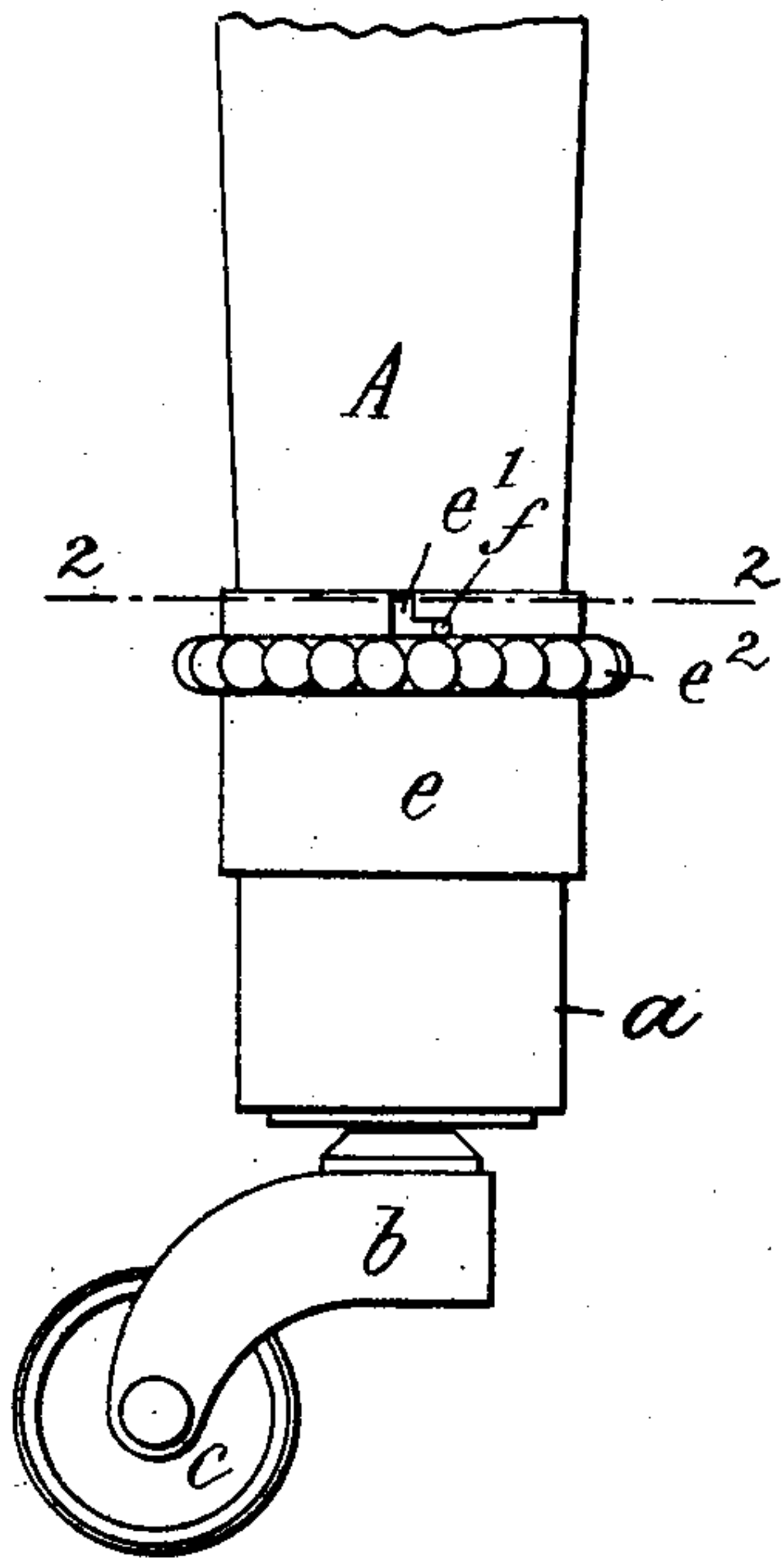


Fig. 3.

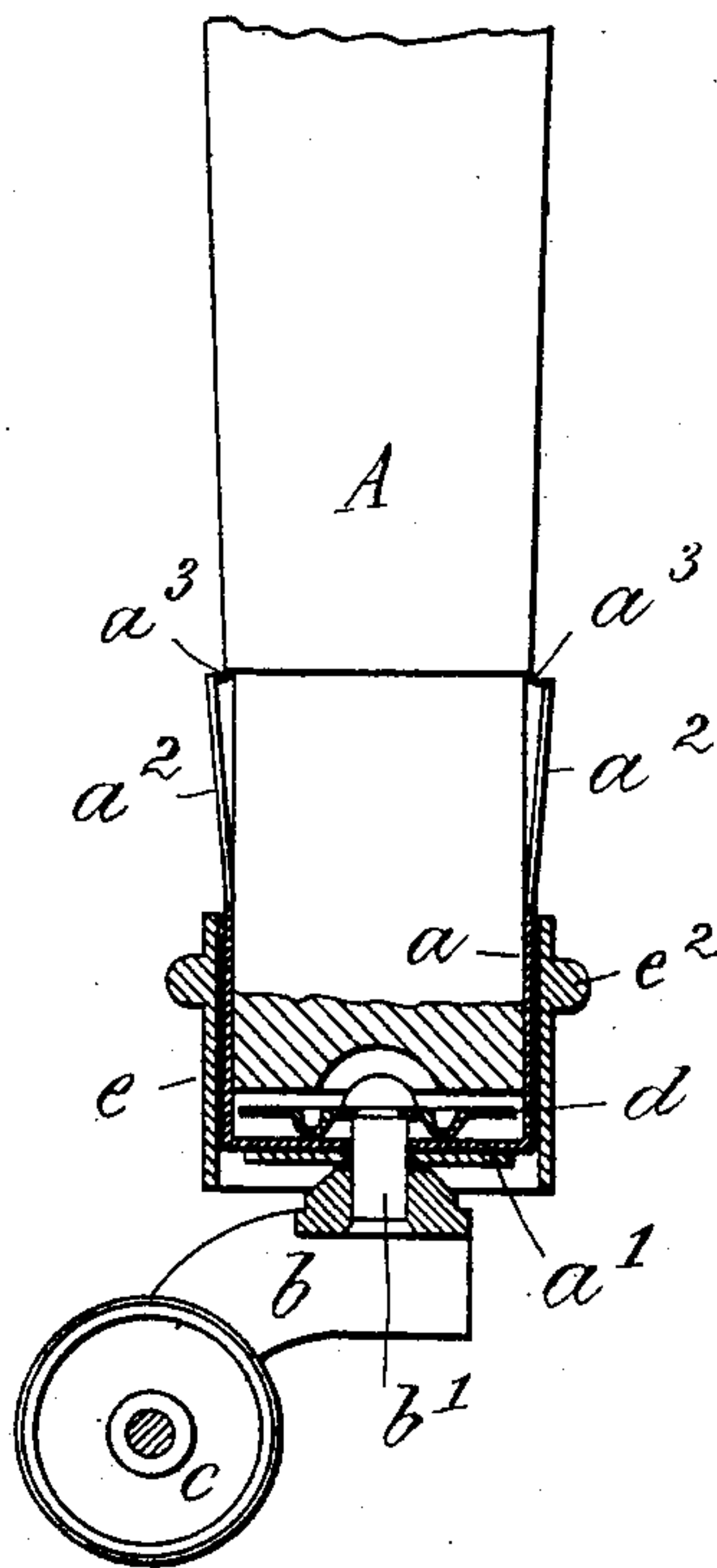


Fig. 2.

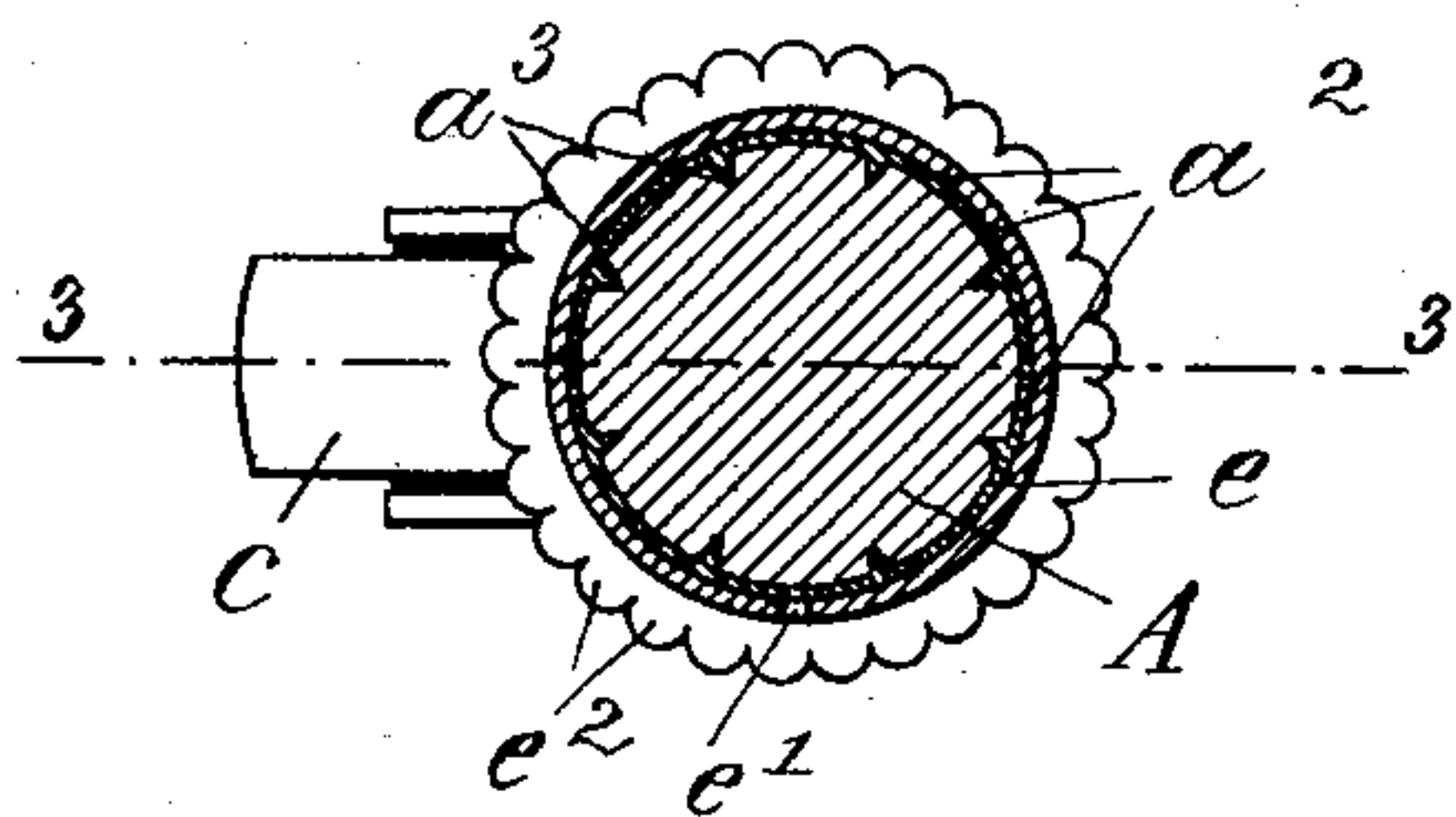
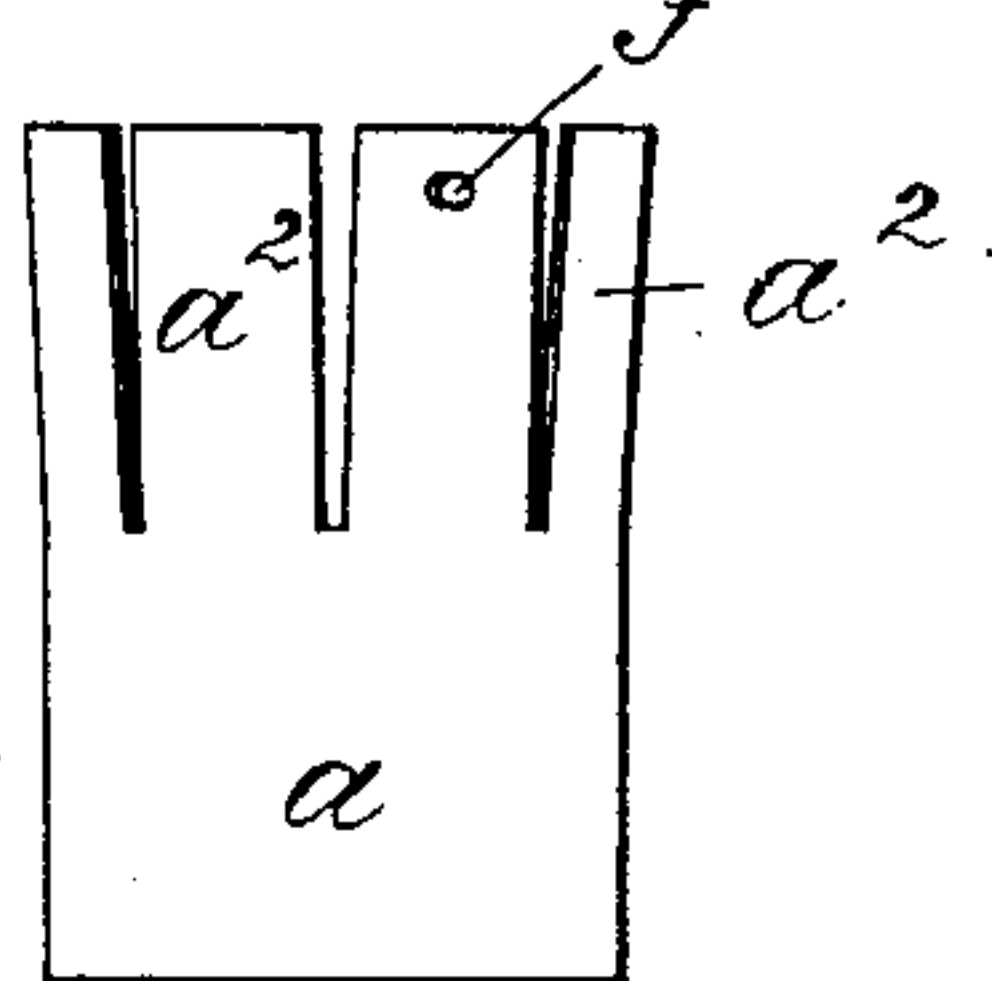


Fig. 4.



Witnesses:
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UNITED STATES PATENT OFFICE.

SIGMUND DÖRI, OF NEW YORK, N. Y.

CASTER.

SPECIFICATION forming part of Letters Patent No. 762,471, dated June 14, 1904.

Application filed March 3, 1904. Serial No. 196,329. (No model.)

To all whom it may concern:

Be it known that I, SIGMUND DÖRI, a citizen of Austria-Hungary, residing at New York city, (Manhattan,) county and State of New York, have invented new and useful Improvements in Casters, of which the following is a specification.

This invention relates to an improved caster which may be readily fitted to a furniture-leg without the use of screws or similar fastening devices.

In the accompanying drawings, Figure 1 is a side view of my improved caster; Fig. 2, a cross-section on line 2 2, Fig. 1; Fig. 3, a longitudinal section on line 3 3, Fig. 2; and Fig. 4, a side view of the socket.

The letter *a* represents a socket adapted for the reception of a furniture-leg A. The base-plate *a'* of the socket is centrally perforated for the reception of a post or spindle *b'*, extending upwardly from the bearing *b* of the caster roller or ball *c*. Within the socket *a* there is rigidly mounted upon post *b'* a corrugated plate *d*, which contacts with base *a'* and serves to reduce friction. At its upper end the socket *a* is provided with a number of longitudinal slits that form a corresponding number of outwardly-bent resilient arms *a²*. Each of these arms terminates on top in an inwardly-extending prong *a³*, adapted to enter leg A.

The socket *a* is surrounded by a slidable ring *e*, which when moved downward permits the arms *a²* to spread. When moved up, the ring draws the arms together to contract the socket and force the prongs *a³* into leg A. The ring may be moved upward until its upper edge is flush with the upper edge of the socket, Fig. 1. Thus the ring will surround the prongs *a³* and hold them in positive engagement with leg A. In order to prevent

the ring from becoming unseated, it is provided with a bayonet-slot *e'*, adapted for the reception of a pin *f*, projecting outwardly from one of the arms *a²*.

In use the ring is lowered, the socket is fitted over the furniture-leg, and then the ring is raised and slightly turned so as to become interlocked with the socket by the engagement of the pin *f* with the slot *e'*. In order to facilitate the turning of the ring, its periphery may be milled or provided with spherical projections *e²*, as shown.

What I claim is—

1. A caster provided with a slitted socket, a roller-bearing rotatably secured thereto, a ring slidable upon the socket, and means for interlocking the ring with the socket, substantially as specified.

2. A caster provided with a slitted socket having spring-arms and inwardly-turned prongs, a pin on one of the arms, a roller-bearing rotatably secured to the socket, and a ring slidable upon the socket and having a bayonet-slot adapted to be engaged by the pin, substantially as specified.

3. A caster provided with a slitted socket having spring-arms and inwardly-projecting prongs, a pin on one of the arms, a roller-bearing having a post that projects into the socket, a corrugated plate mounted upon the post within the socket, and a ring slidable upon the socket and having a bayonet-slot adapted to be engaged by the pin, substantially as specified.

Signed by me at New York city, (Manhattan,) New York, this 29th day of February, 1904.

SIGMUND DÖRI.

Witnesses:

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