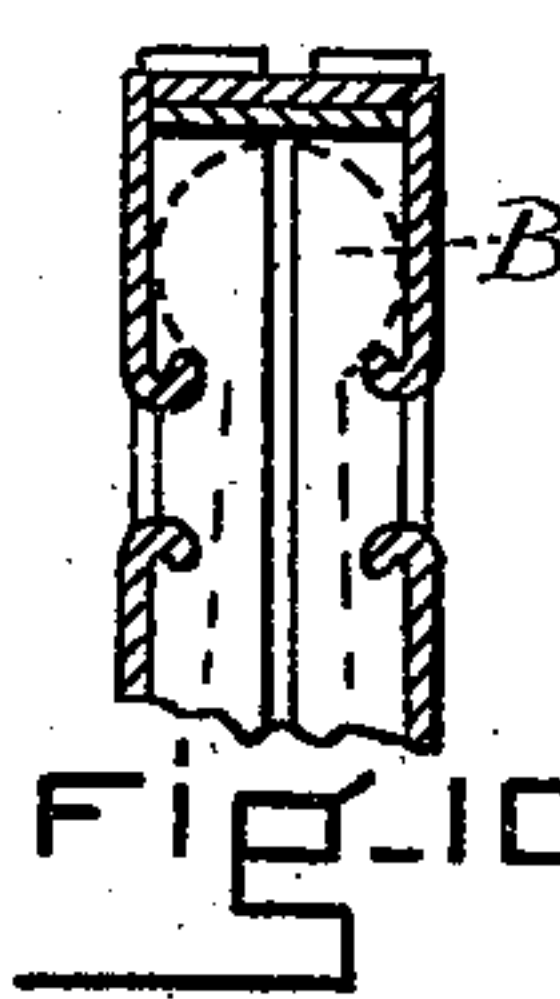
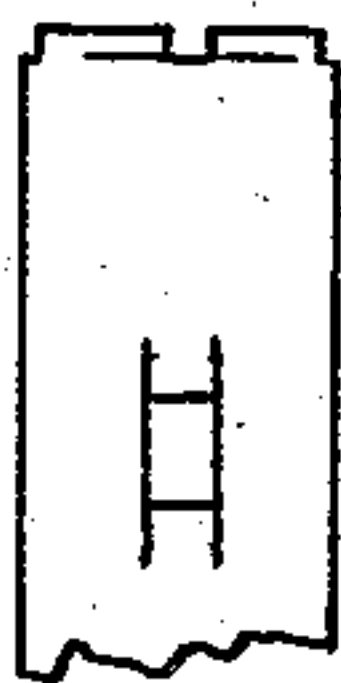
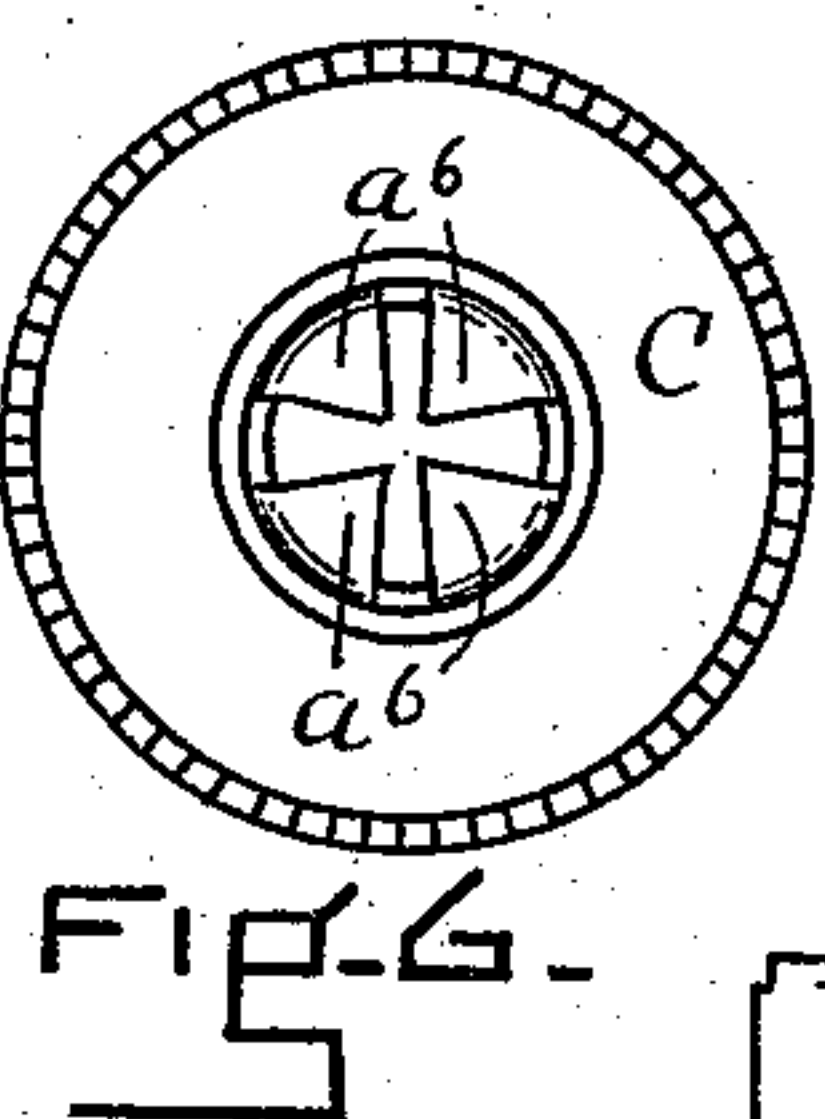
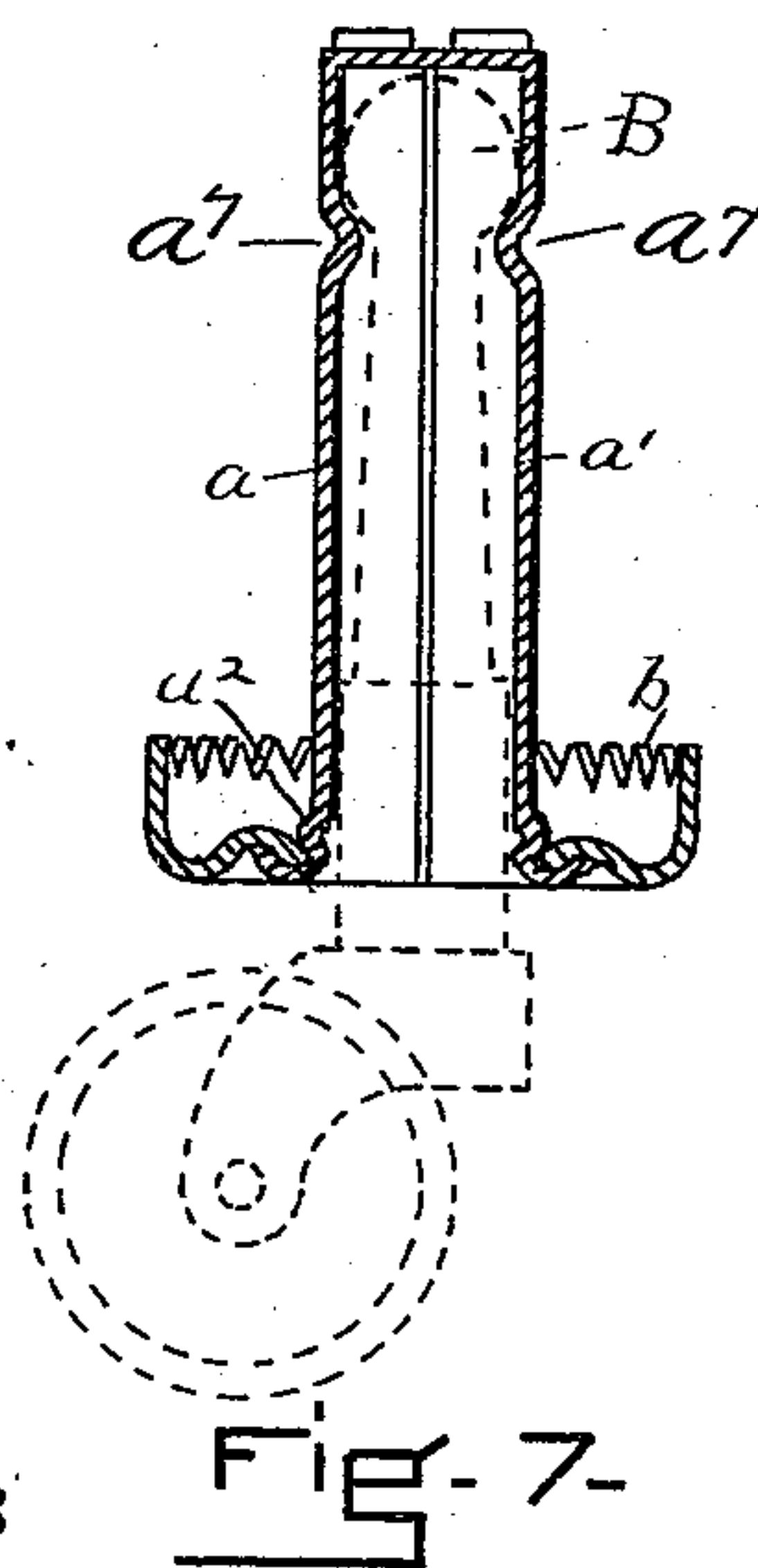
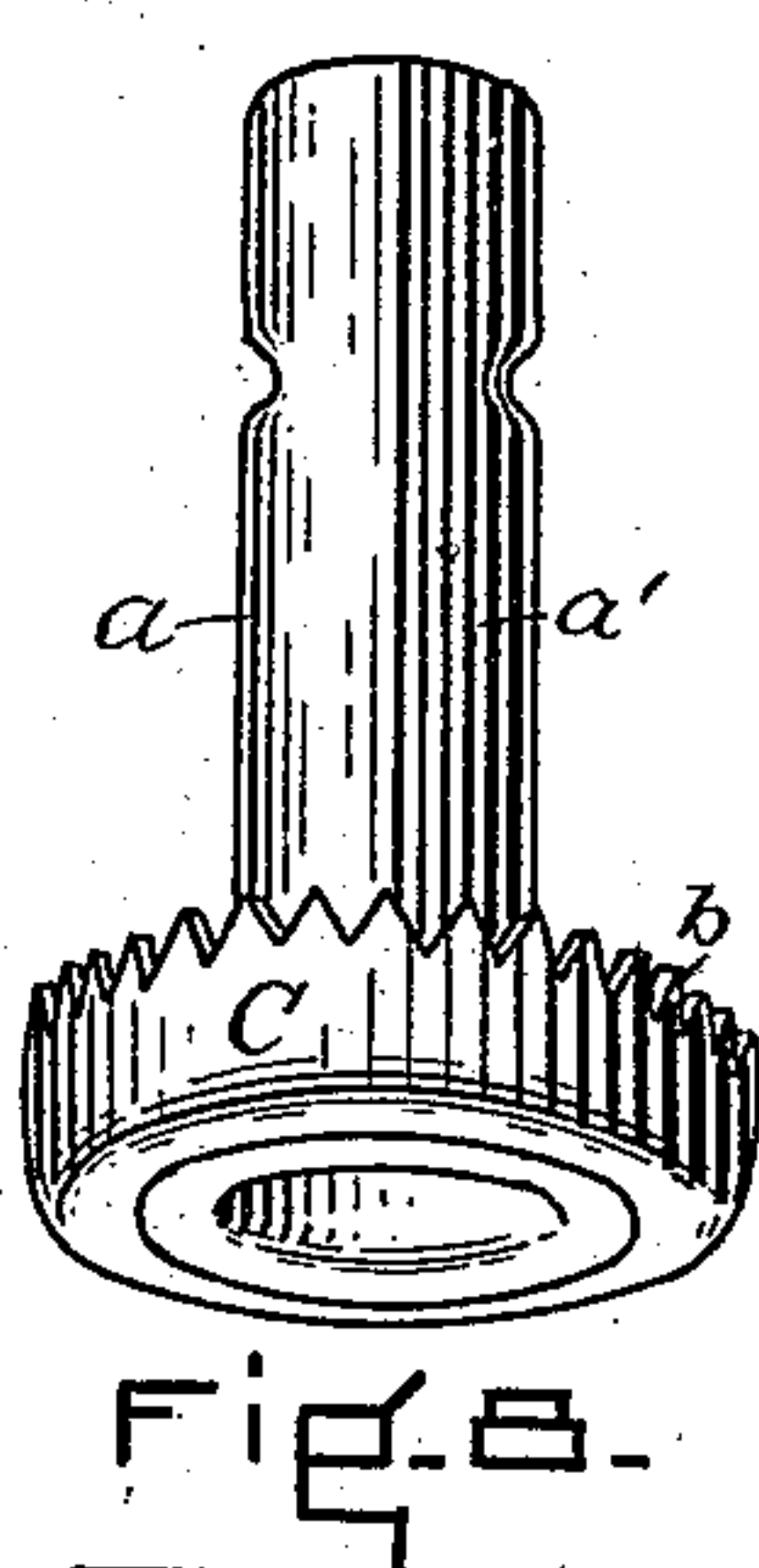
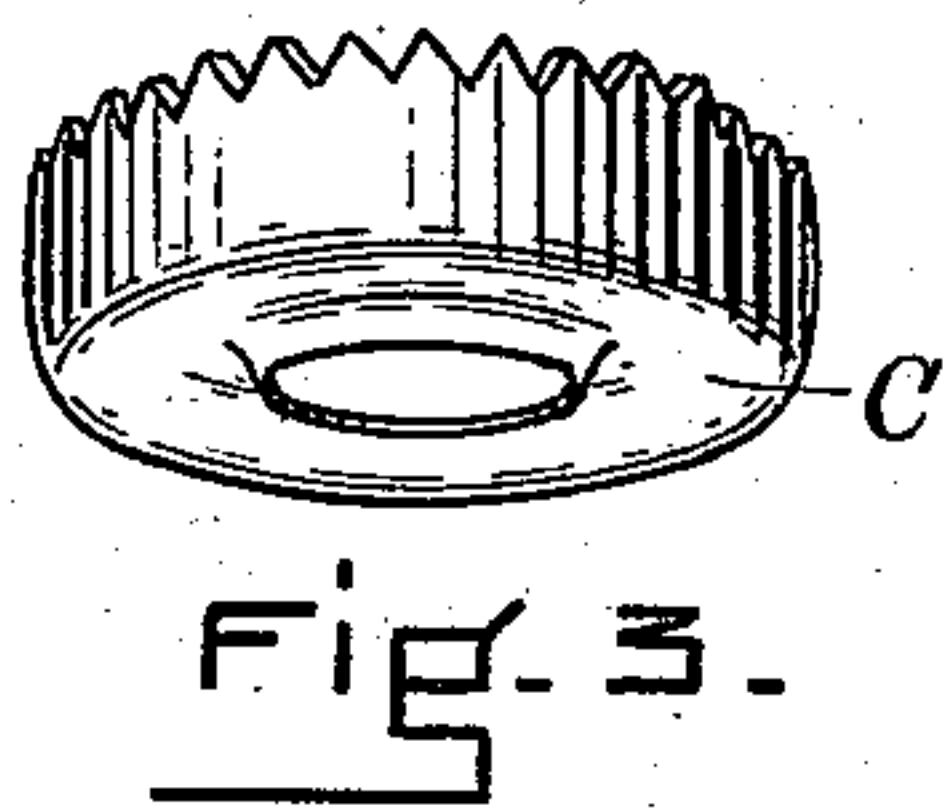
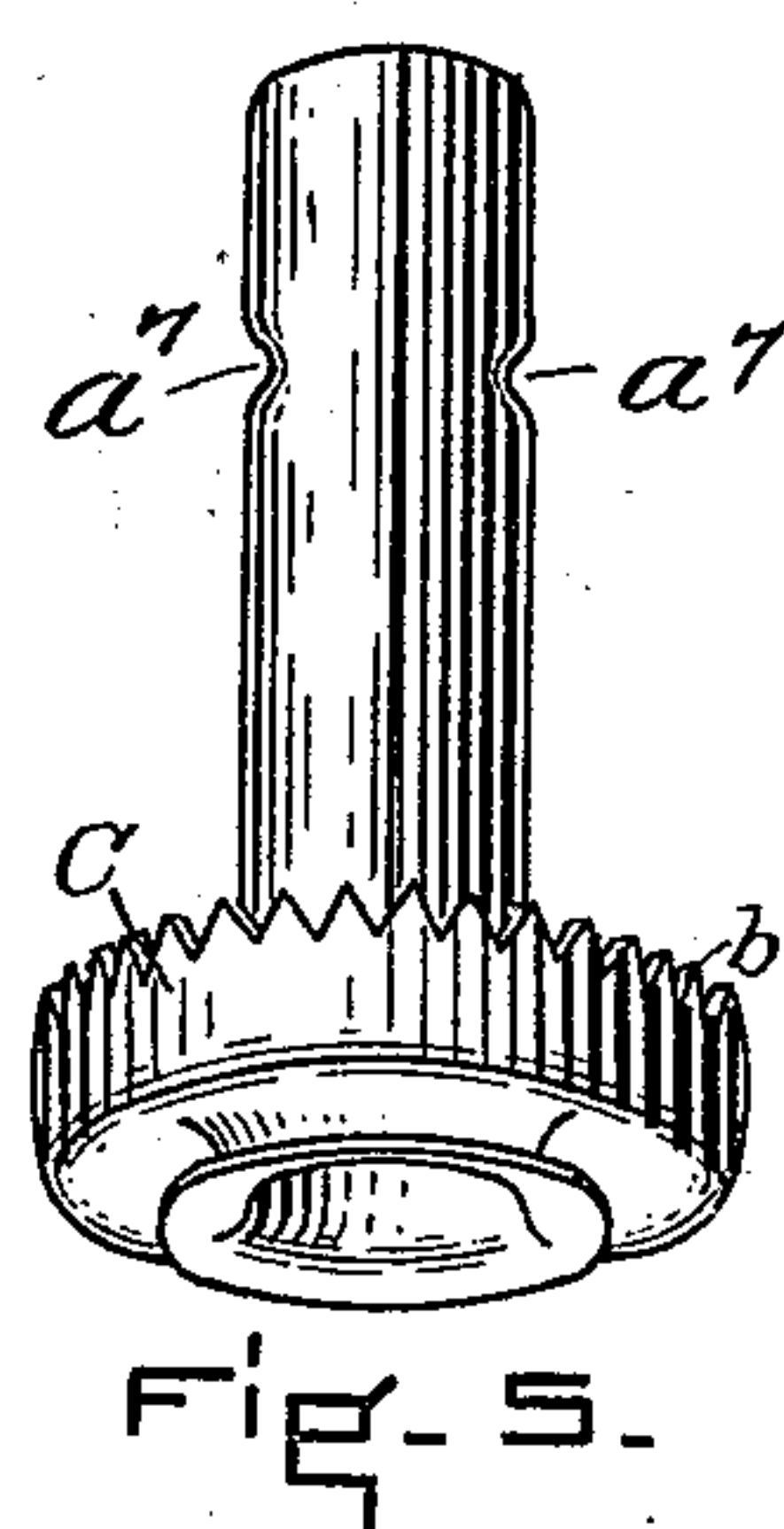
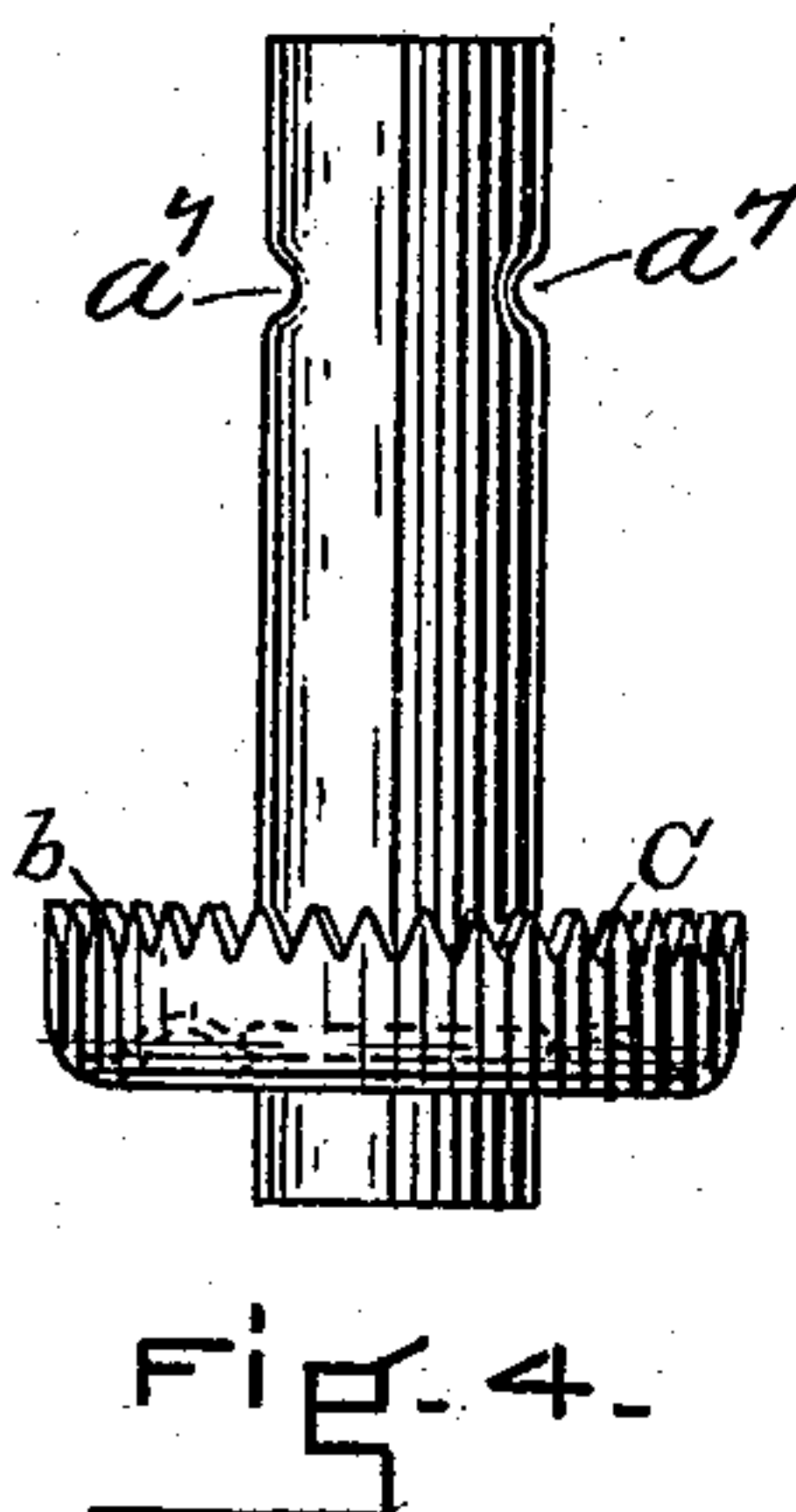
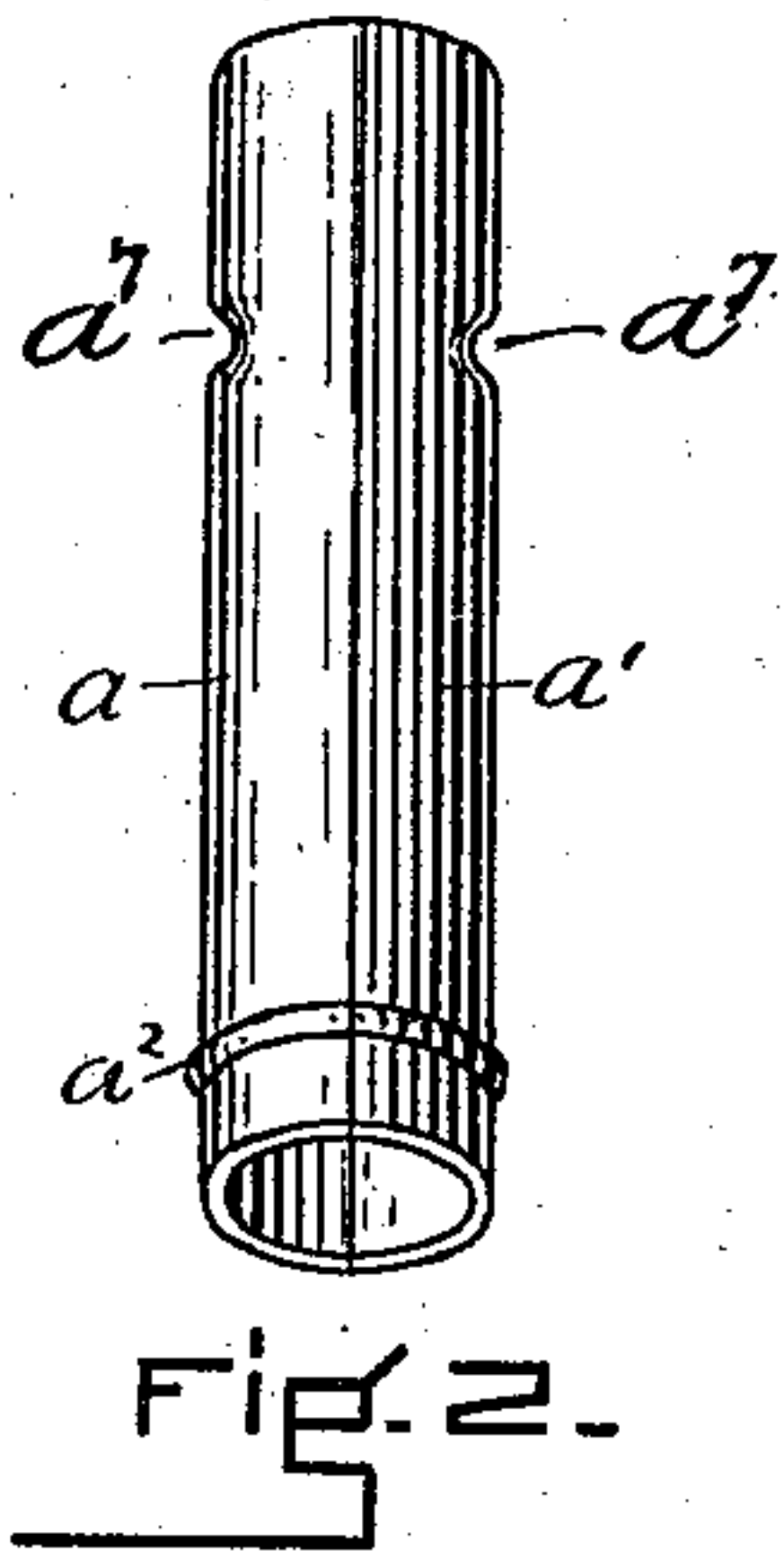
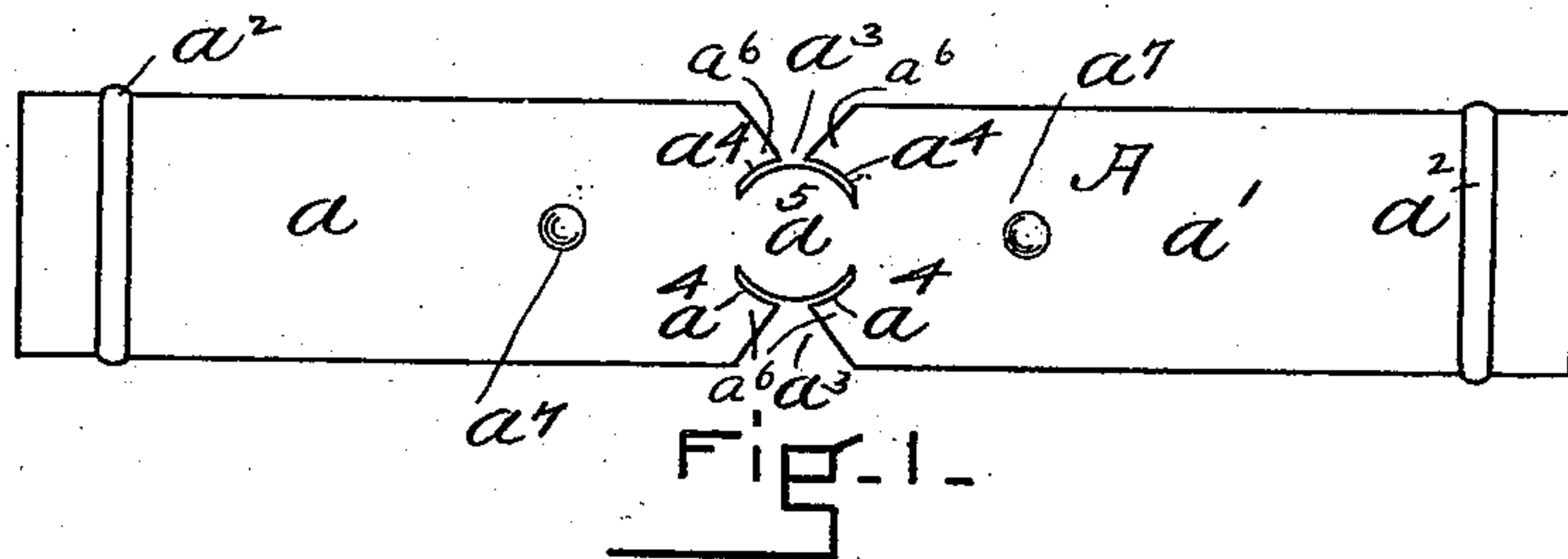


(No Model.)

J. R. SUTLIFF.
CASTER.

No. 514,247.

Patented Feb. 6, 1894



WITNESSES
J. W. Dolan
J. W. Cummings

INVENTOR
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Clarke & Raymond

UNITED STATES PATENT OFFICE.

JAMES R. SUTLIFF, OF MERIDEN, CONNECTICUT, ASSIGNOR TO THE FOSTER, MERRIAM & COMPANY, OF SAME PLACE.

CASTER.

SPECIFICATION forming part of Letters Patent No. 514,247, dated February 6, 1894.

Application filed June 26, 1893. Serial No. 478,862. (No model.)

To all whom it may concern:

Be it known that I, JAMES R. SUTLIFF, a citizen of the United States, and a resident of Meriden, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Furniture-Casters, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification, in explaining its nature.

The invention relates to furniture casters, and consists in the construction substantially as hereinafter described and claimed.

In the drawings,—Figure 1 is a plan view of a partially formed blank from which the socket is made. Fig. 2 represents the curved sides of the blank brought together to form a tube. Fig. 3 is a view in perspective of the end plate. Fig. 4 shows the tube or socket and end plate assembled but not united, the upper surface of the plate bearing against the shoulder of the socket. Fig. 5 shows the plate as secured to the socket by upsetting the lower end of the tube upon the under surface of the plate. The said upset end, however, not having been brought down to the under surface of the plate. Fig. 6 is a view in plan of the completed socket. Fig. 7 is a view in vertical section thereof. Fig. 8 is a view in perspective thereof. Figs. 9 and 10 show slight modifications to which reference is hereinafter made.

The partially formed blank A from which the socket is made is shown in Fig. 1. Its sections a a' are curved in cross-section, and when brought together, form a tube. Each has a section of the shoulder a^2 formed by striking up, and the inner end a^3 is formed preferably as represented in Figs. 1, 6, and 7: that is, there is formed in the blank A midway its length the angular recesses a^3 and the circular cuts a^4 , extending in both directions from the inner end of these recesses and when the sections a a' are bent or folded together, the part a^5 forms the upper end of the socket, and the sections embraced between the curved cuts and the sides of the recesses forming the parts a^6 are bent over the piece a^5 as represented in Fig. 6, so that they act to reinforce it and make a very solid end. There is also

formed in the sections a a' inward extending points a^7 , which are formed by striking the metal of the blank inward. The projections a^7 extend into the cavity of the socket, and serve to engage and hold the rounded head B of the socket spindle.

An end plate C, preferably having the upward extending serrated edge b is attached to the socket by being slipped upon its lower end against the shoulder a^2 , and having the lower edge of the socket turned outward upon the under surface of the plate. This lower edge may be spun outward or it may be set and turned or folded outward upon the plate, and the spaces or joints therein may be filled by flowing soft metal into them or not as may be desired, and the end of the socket as thus finished, is flush with the lower surface of the end plate. A caster socket of this description is cheaply made and is very strong and durable. If desired, the socket may have a circular plate upon its inside, and at its upper end adjacent to the top plate (see Fig. 10), and the spindle head retaining devices may be made as represented in Figs. 9 and 10, by cutting tongues on one or both sides of the socket and bending their ends inward.

Having thus fully described my invention, I claim and desire to secure by Letters Patent of the United States—

1. A caster socket composed of a single piece of sheet metal having curved sections a , a' with their edges abutting, the circular end-piece a^5 , the angular portions a^6 of the side sections overlapping said end-piece a^5 , substantially as described.

2. The combination with the socket A composed of a single piece of sheet metal having circular end-piece a^5 and the curved side sections a , a' , provided with indented shoulders a^2 , a^7 and angular extensions a^6 overlapping the end-piece a^5 , of the end plate C secured to the end of said socket and held against the shoulders a^2 by outwardly bent flanges at the lower ends of said side sections, substantially as described.

JAS. R. SUTLIFF.

Witnesses:

CHAS. N. FOSTER,
GEO. C. MERRIAM.