

No. 835,492.

PATENTED NOV. 13, 1906.

C. A. BAKER.
CASTER.

APPLICATION FILED DEC. 22, 1905.

Fig. 1

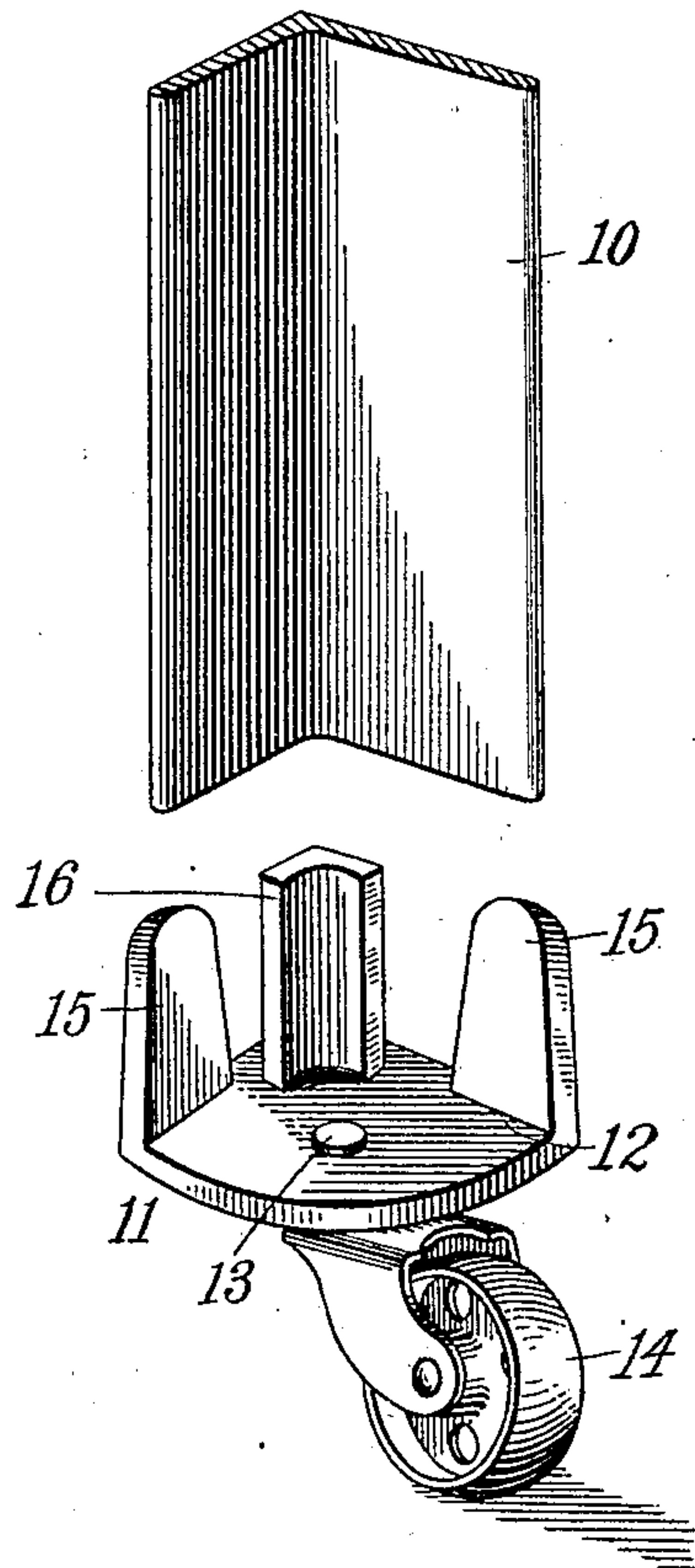


Fig. 2

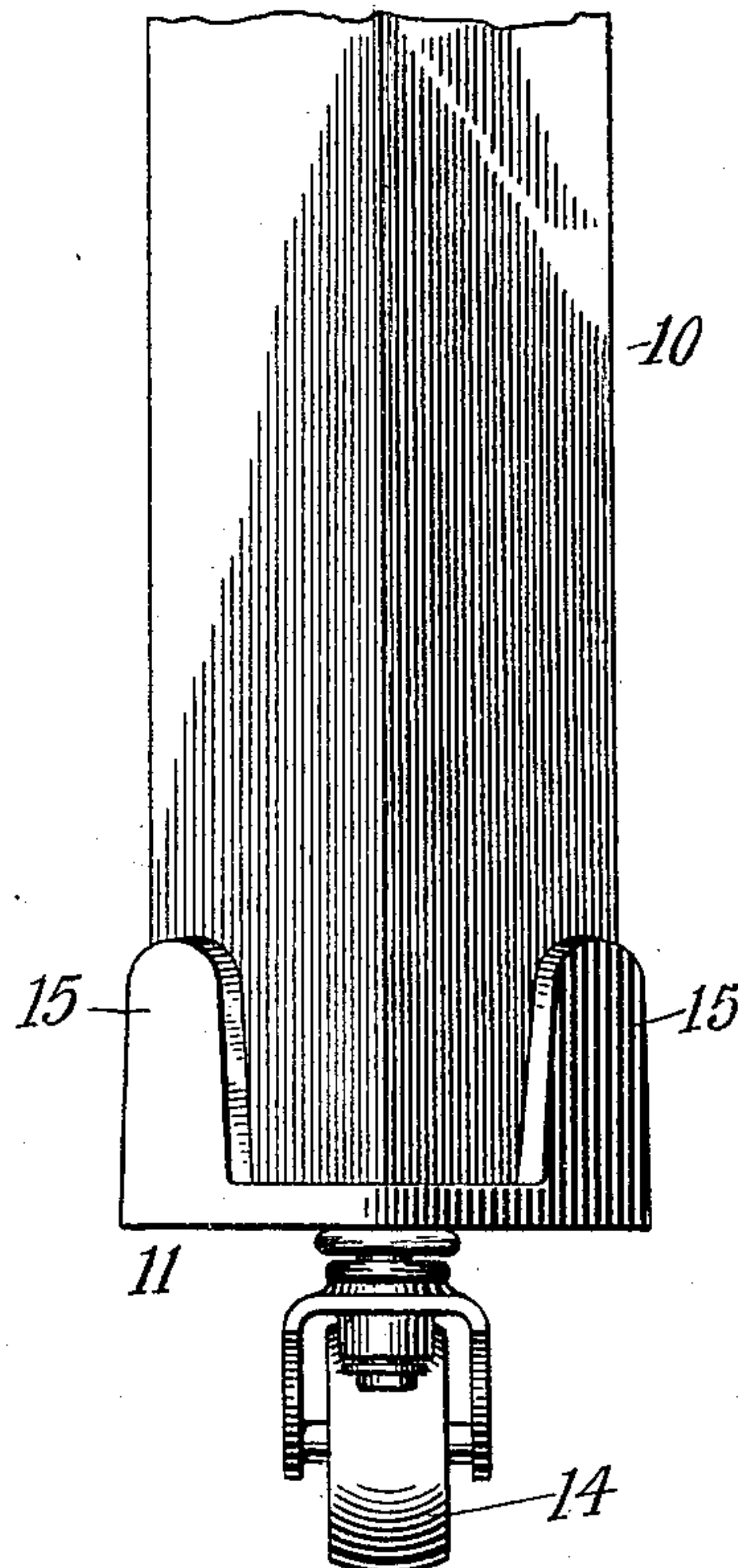
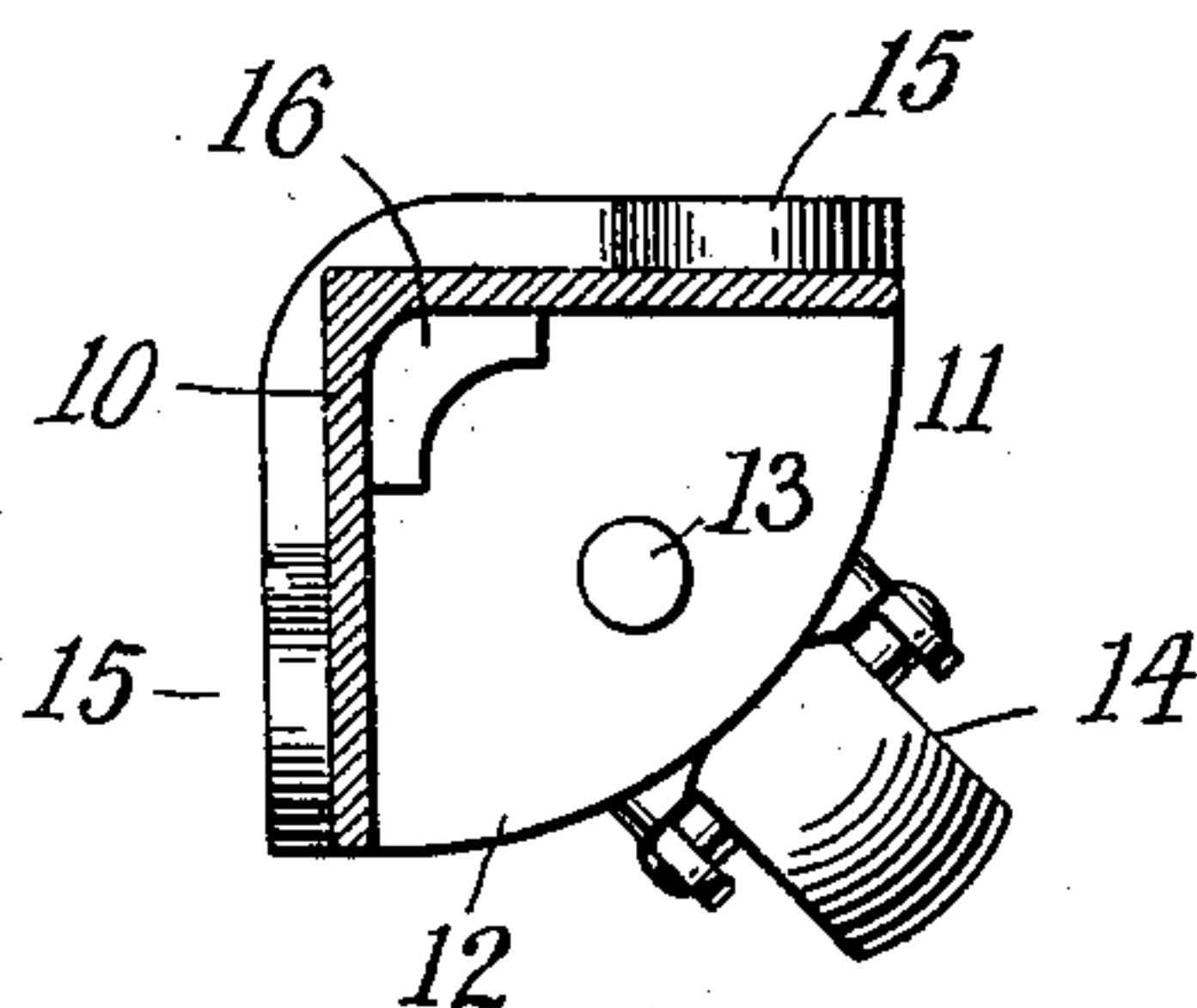


Fig. 3



Witnesses
L. L. Shaw
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UNITED STATES PATENT OFFICE.

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CASTER.

No. 835,492.

Specification of Letters Patent.

Patented Nov. 13, 1906.

Application filed December 22, 1905. Serial No. 292,883.

To all whom it may concern:

Be it known that I, CHARLES A. BAKER, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Casters, of which the following specification and accompanying drawings illustrate the invention in a form which I now regard as the best out of the various forms in which it may be embodied.

This invention relates to casters for furniture, and especially for metallic bedsteads in which the legs are made of angle-iron.

Heretofore casters have usually been applied to angle-iron furniture-legs either by riveting the caster-pivot directly to an ear bent under horizontally on the angle-iron leg, or the caster has been provided with a metal base or body having ears which are riveted to the furniture-leg.

The object of this invention is to simplify and cheapen the cost of making and applying the casters to metallic furniture and enable the caster to be more readily applied and removed.

Of the accompanying drawings, Figure 1 represents an elevation showing the caster constructed according to my invention and separated from the extremity of the furniture-leg. Fig. 2 represents a rear elevation of the caster and leg assembled. Fig. 3 represents a plan view of the caster with the leg in section.

The same reference characters represent the same parts in all the views.

In the drawings, 10 is an ordinary angle-iron furniture-leg cut off square at the bottom, and 11 is a caster base or body preferably made of malleable cast metal, such as iron. This base includes a horizontal web or platform 12, to which the pintle 13 of the roller-caster 14 is riveted, and three prongs or upright lugs or jaws 15 16, formed integral with the web 12. The two lugs 15 are located at the corners of the caster-body in planes at right angles to each other and adapted to abut the outer sides of the two webs of the angle-iron 10. The lug 16 is an angular piece located between the two lugs 15, with sides at right angles adapted to fit into the corner of the angle-iron on its inner face. The angle-iron is thus embraced on

opposite sides by the lugs 15 16, which are thus clamped upon the iron and engage it with sufficient friction to form a reasonably tight fit, but yet permit the caster-base to be removed from the angle-iron by a pull or a light blow. This does away with all rivets or other fastenings, and when a caster breaks or has to be renewed this can readily be accomplished by any one without the use of tools.

The invention is not limited to a particular number of prongs nor to the exact location shown, since a different number may be employed and the position reversed or changed about, the outside lugs being put inside, and vice versa. The cleft between the planes of the working faces of prongs may also be changed in shape to suit the shape of the furniture-leg.

What I claim as new, and desire to secure by Letters Patent, is—

1. A caster-mounting comprising, in combination with the angle-iron furniture-leg, a caster-base having a web provided with integral upright prongs or jaws frictionally clamped upon the inner and outer faces of the angle-iron, and a swiveled roller having its pintle attached to said web.

2. A caster comprising a base having a roller, and upright prongs formed on said base and including between the planes of their working faces a parallel-sided cleft adapted to receive a relatively thin metal furniture-leg, whereby said caster may be frictionally clamped upon the leg.

3. A caster comprising a base having a horizontal web forming a step for the extremity of an angle-iron furniture-leg, two upright lugs formed on said web and located at right angles for engaging one face of each of the webs of the angle-iron, and an angular upright lug formed on said base-web and located between the first-said lugs, for engaging the other faces of the angle-iron webs in the corner formed by the latter webs.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses the 19th day of December, 1905.

CHAS. A. BAKER.

Witnesses:

BERNARD J. MOLLOY,
JACOB LUDWIG.