

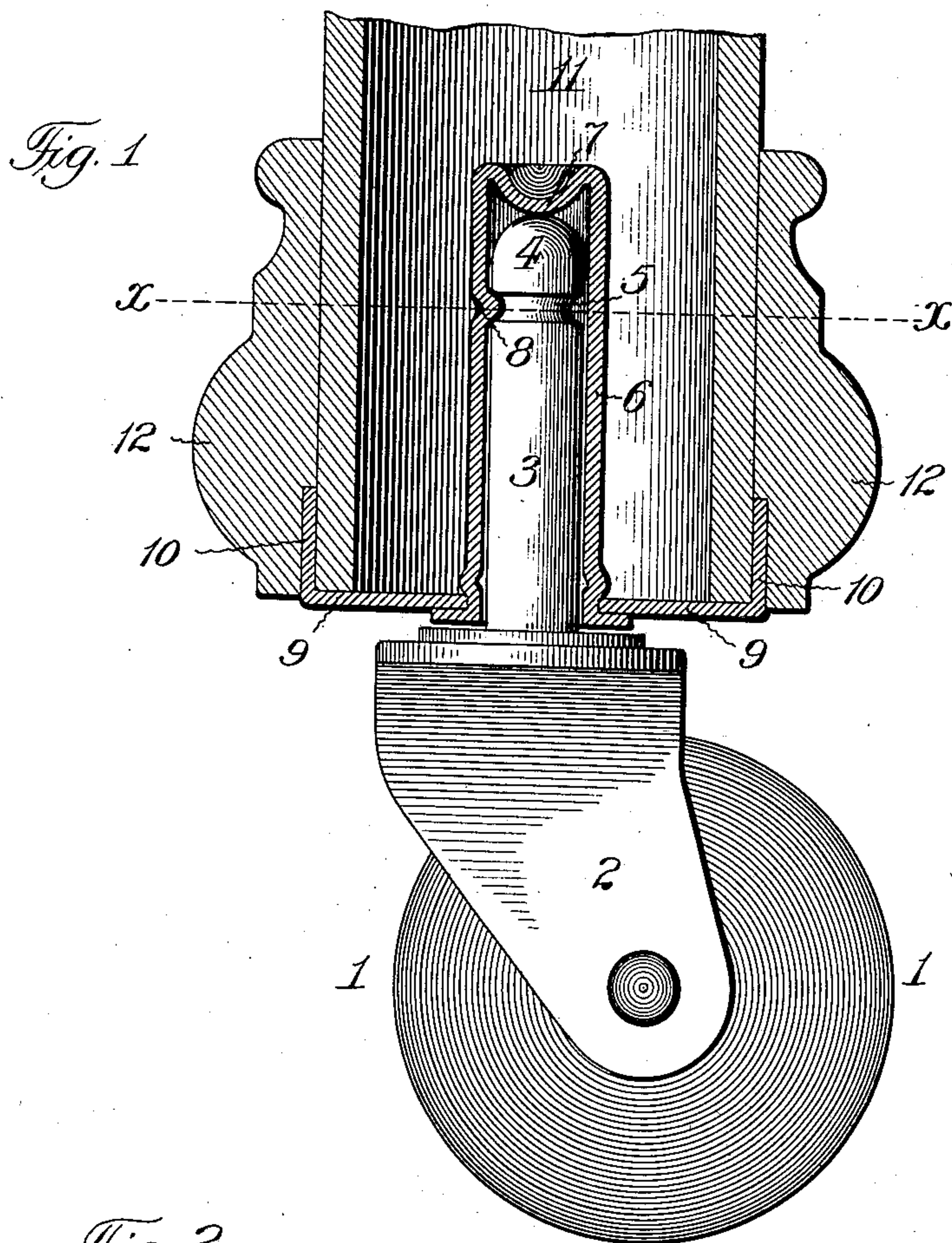
No. 816,211.

PATENTED MAR. 27, 1906.

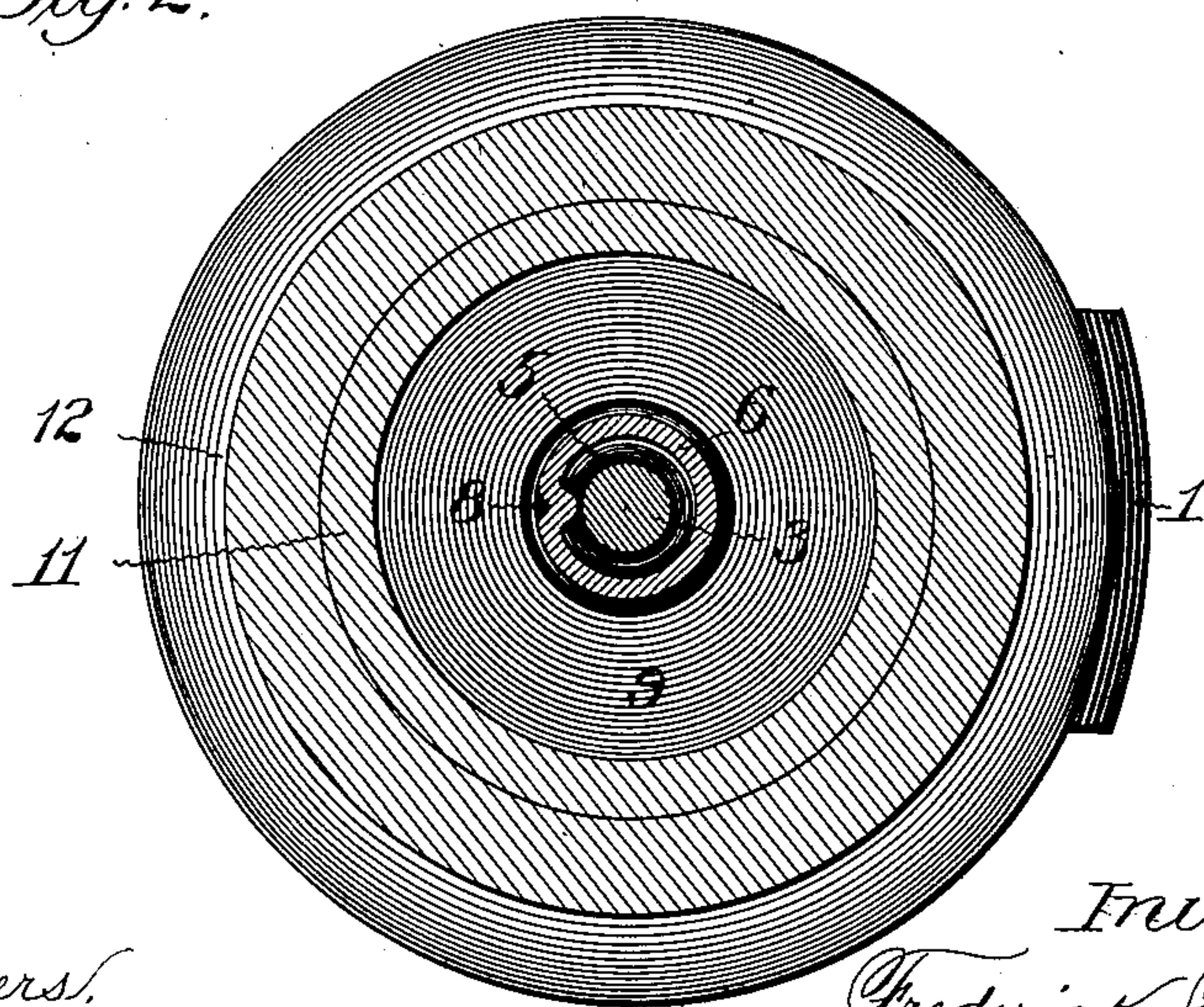
F. F. BISCHOFF.

CASTER.

APPLICATION FILED SEPT. 30, 1904.



*Fig. 2.*



*Attest:*

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*by*

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# UNITED STATES PATENT OFFICE.

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## CASTER.

No. 816,211.

Specification of Letters Patent.

Patented March 27, 1906.

Application filed September 30, 1904. Serial No. 226,603.

*To all whom it may concern:*

Be it known that I, FREDERICK F. BISCHOFF, a citizen of the United States of America, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Casters, of which the following is a specification.

The present invention relates to furniture-casters, and more especially to that type of casters used on iron bedsteads, and has for its object to provide a simple and efficient structural formation and arrangement of the caster parts affording a substantial attachment of the socket-sleeve to the post of the bedstead, an elimination of friction of the parts to a material extent, and a normal holding of the caster pintle and wheel against accidental disengagement from the bedstead-post, all as will hereinafter more fully appear and be more particularly pointed out in the claims.

In the accompanying drawings, illustrative of the present invention, Figure 1 is a vertical sectional elevation of a furniture-caster embodying the present improvements. Fig. 2 is a horizontal section at line *xx*, Fig. 1.

Similar numerals of reference indicate like parts in both views.

Referring to the drawings, 1 represents the caster-wheel, journaled, as usual, in the caster yoke or frame 2, which in turn carries the usual vertically-elongated pintle 3, having the usual semispherical upper end 4 and the annular holding-groove 5 adjacent to such semispherical upper end.

6 is the pivot-socket of the caster, having a tubular shape. In the present improvement such socket is formed with a closed upper end or head having a central downwardly-extending semispherical projection 7 adapted to constitute an abutment or bearing for the semispherical upper end 4 of the caster-pintle and which bearing offers but little resistance to a turning movement of said pintle in actual use.

8 is a bead-like inlet formed in the wrought-metal wall of the socket 6 by a punch indentation in the outer surface of the same and which inset is adapted to engage in the annular holding-groove 5 of the pintle to hold the same in place in the pivot-socket against ac-

cidental disengagement. With the described construction the pintle is forcibly pushed into place, and in such operation the circular wall of the socket near the inset 8 yields sufficient to permit the passage of the spherical upper end of the pintle. In like manner a forcible disengagement of the parts can be effected.

9 is a disk-like supporting-web connected to the lower end of the pivot-socket and provided with a marginal upturned rim 10, adapted to fit the lower end of the tubular iron post 11 of a bedstead and afford a substantial attachment of the socket in proper position in the said post, and in the present construction such attachment is made permanent by casting the usual foot-ornament 12 around the rim 10 aforesaid, as illustrated in Fig. 1 of the drawings.

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

1. The combination in a caster of a pivot-socket having an integrally-formed closed upper end which is centrally depressed to form a semispherical depression, a pintle fitting said socket and having a semispherical upper end, and a caster-wheel carried by said pintle, substantially as set forth.

2. The combination in a caster of a pivot-socket, a disk-like supporting-web at the lower end of said socket provided with a marginal upturned flange, a tubular bedstead-post fitting said web and flange, a cast ornament on the post inclosing said marginal flange, a pintle fitting said socket, and a caster-wheel carried by said pintle, substantially as set forth.

3. The combination in a caster of a pivot-socket having an integrally-formed closed upper end which is centrally depressed to form a semispherical depression, a pintle fitting said socket and having a semispherical upper end and an annular groove adjacent to such end, the socket having a bead-like inset adapted for engagement in said groove, and a caster-wheel carried by said pintle, substantially as set forth.

4. The combination in a caster of a pivot-socket formed with a closed upper end having a central semispherical depression, a disk-

like supporting-web at the lower end of said  
socket provided with a marginal upturned  
flange, a tubular bedstead-post fitting said  
web and flange, a cast ornament on the post  
5 inclosing said marginal flange, a pintle fitting  
said socket, and a caster-wheel carried by  
said pintle, substantially as set forth.

Signed at Chicago, Illinois, this 20th day  
of July, 1904.

FRED. F. BISCHOFF.

Witnesses:

ROBERT BURNS,  
M. H. HOLMES.