

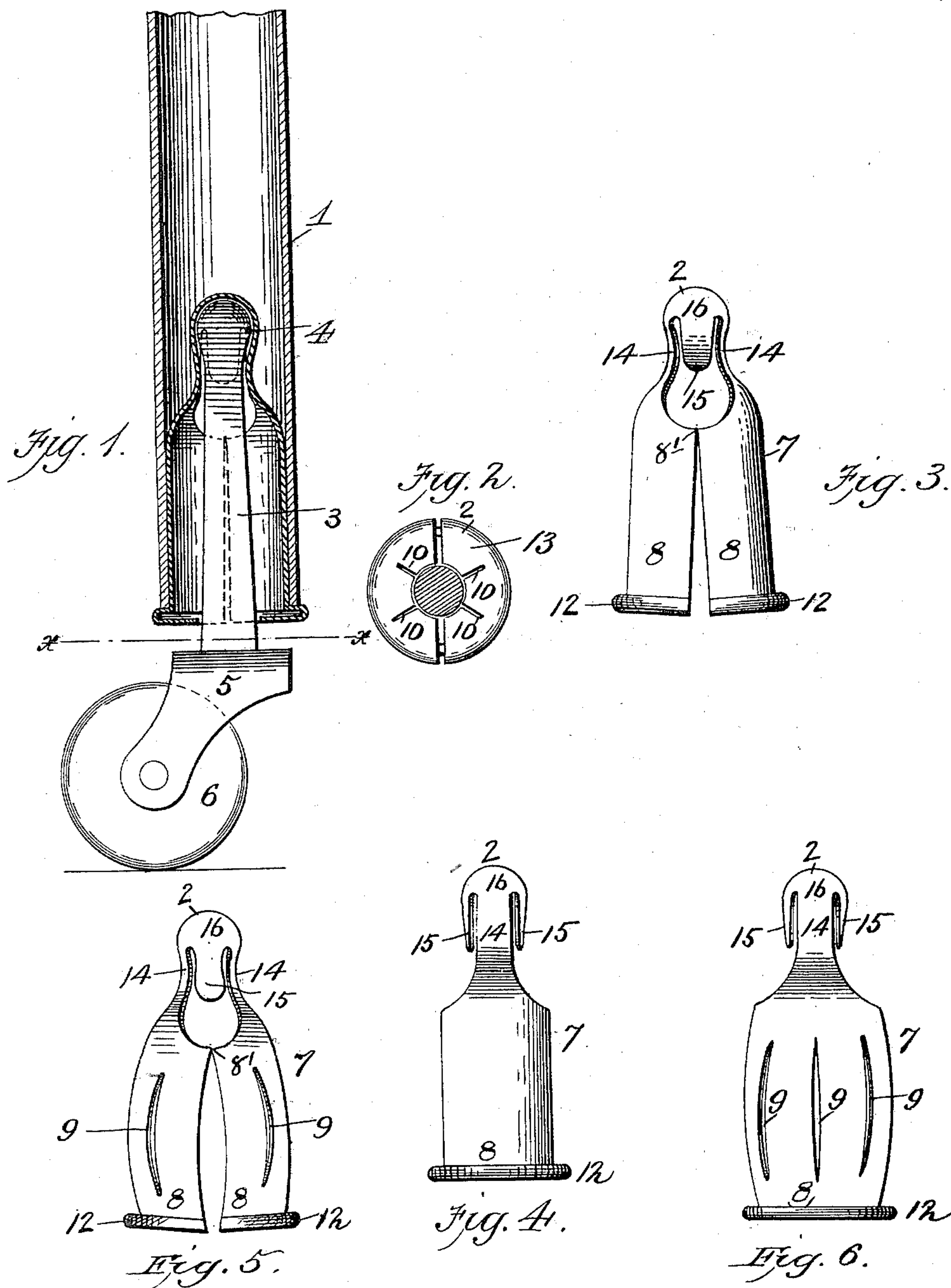
No. 626,439.

Patented June 6, 1899.

B. H. NOELTING.
CASTER SOCKET.

(Application filed Oct. 27, 1898.)

(No Model.)



Witnesses
Frank L. Curand.
S. A. Duffie

B. H. Noelting ^{Inventor}
By
John S. Duffie ^{Attorney}

UNITED STATES PATENT OFFICE.

BERNHARD HENRY NOELTING, OF NEBRASKA CITY, NEBRASKA.

CASTER-SOCKET.

SPECIFICATION forming part of Letters Patent No. 626,439, dated June 6, 1899.

Application filed October 27, 1898. Serial No. 694,670. (No model.)

To all whom it may concern:

Be it known that I, BERNHARD HENRY NOELTING, residing at Nebraska City, in the county of Otoe and State of Nebraska, have
5 invented certain new and useful Improvements in Caster-Sockets; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable
10 others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention is a caster-socket, consisting
15 of a head, spring-tongues, and spring-necks to hold the head of a pintle, and a barrel-shaped body, consisting of two semicylindrical parts slitted longitudinally, a flange, and a track-plate.

20 In the accompanying drawings, Figure 1 is a sectional view of the foot of an iron bed-post, of my caster-socket inserted therein, and of the pintle of a caster inserted in the socket. Fig. 2 is a view of the lower end of my castor-socket and a sectional view of the pintle cut
25 on the line *x x*. Fig. 3 is an elevation of one of my sockets, looking on its split side, its lower ends sprung open. Fig. 4 is an elevation of Fig. 3, looking on its unsplit side. Fig.
30 5 is an elevation of one of my sockets, looking on its split side, its lower ends sprung open. Fig. 6 is an elevation of Fig. 5, looking on its cylindrical side.

I usually use the socket as shown in Figs.
35 5 and 6, Figs. 3 and 4 being modifications thereof, the only difference in the sockets being that the body of the socket, as shown in Figs. 3 and 4, is straight, while the body of the socket, as shown in Figs. 5 and 6, is barrel-
40 shaped and has longitudinal slots, converting the whole barrel into a spring. The purpose of this difference is that the socket shown in Figs. 3 and 4 is better adapted to wooden bedsteads, while the socket shown in Figs. 5 and
45 6 is better adapted to iron bedsteads.

My invention is described as follows: 1 is the foot of a bed-post. 2 are the sockets. 3 is the pintle. 4 is the pintle-head. 5 is the bearing secured to the lower end of the pintle,
50 and 6 is a roller journaled in the arms of said bearing.

The socket is made of a single sheet of spring metal so cut that when bent and doubled together it forms a cylinder or barrel-

shaped body 7, its two sides 8 standing open 55 at the bottom and touching at the top ends 8' of their straight sides and adapted to be sprung into an opening in the foot of the bed-post, and when so sprung in adapted to spring outwardly hard against the inner face of said
60 opening, and thus hold itself in by reason of the springing qualities of spring-necks 14.

The socket, as shown in Figs. 5 and 6, is further provided with longitudinal slots 9. The lower ends of the parts 8 are turned out 65 at an angle of ninety degrees from their faces and have longitudinal slots 10 made therein, and then turned back upon themselves, forming flanges 12, a track-plate 13, and a bearing for the pintle 3. The upper ends of the
70 socket are provided with spring-necks 14 and spring-tongues 15, so that when the head 4 of the pintle 3 passes up into the socket the spring-necks 14 and the springs 15 must give before the said head of the pintle can enter
75 the open head 16 of the socket, and the said springs must give before the said head of the pintle can be drawn from the open head 16 of the socket. The head of the socket being smaller than the body thereof, the springs are
80 permitted to operate while the socket is in the bed-post.

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

1. A cylindrical caster-socket made of a single sheet of spring metal, consisting of a head 16, spring-tongues 15, spring-necks 14, semicylindrical barrel-shaped parts 8, slit-
90 ted longitudinally, converting said parts into yielding springs, flange 12, track-plate 13, said track-plate forming a bearing for a pintle, substantially as shown and described and for the purposes set forth.

2. A cylindrical caster-socket made of a 95 single sheet of spring metal, consisting of a head 16, semicylindrical barrel-shaped parts 8, slitted longitudinally, converting said parts into yielding springs, flange 12, track-plate 13, said track-plate forming a bearing for a
100 pintle, substantially as shown and described and for the purposes set forth.

In testimony whereof I affix my signature is presence of two witnesses.

BERNHARD HENRY NOELTING.

Witnesses:

HENRY RODENBROCK,
FRED WHATTANAUR.