

No. 782,958.

PATENTED FEB. 21, 1905.

W. C. FISCHER.  
CASTER.

APPLICATION FILED FEB. 15, 1904.

FIG 1.

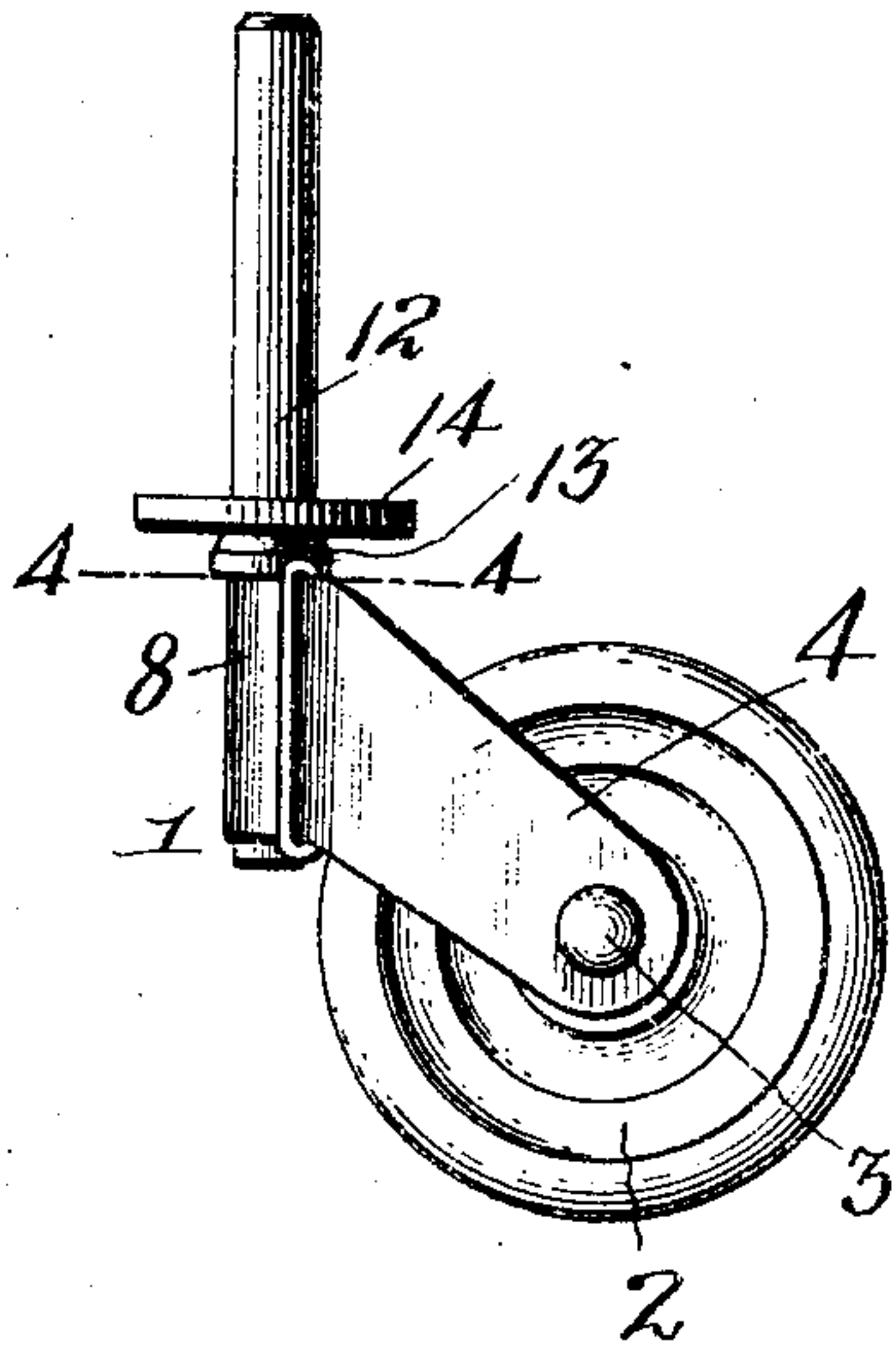


FIG 2.

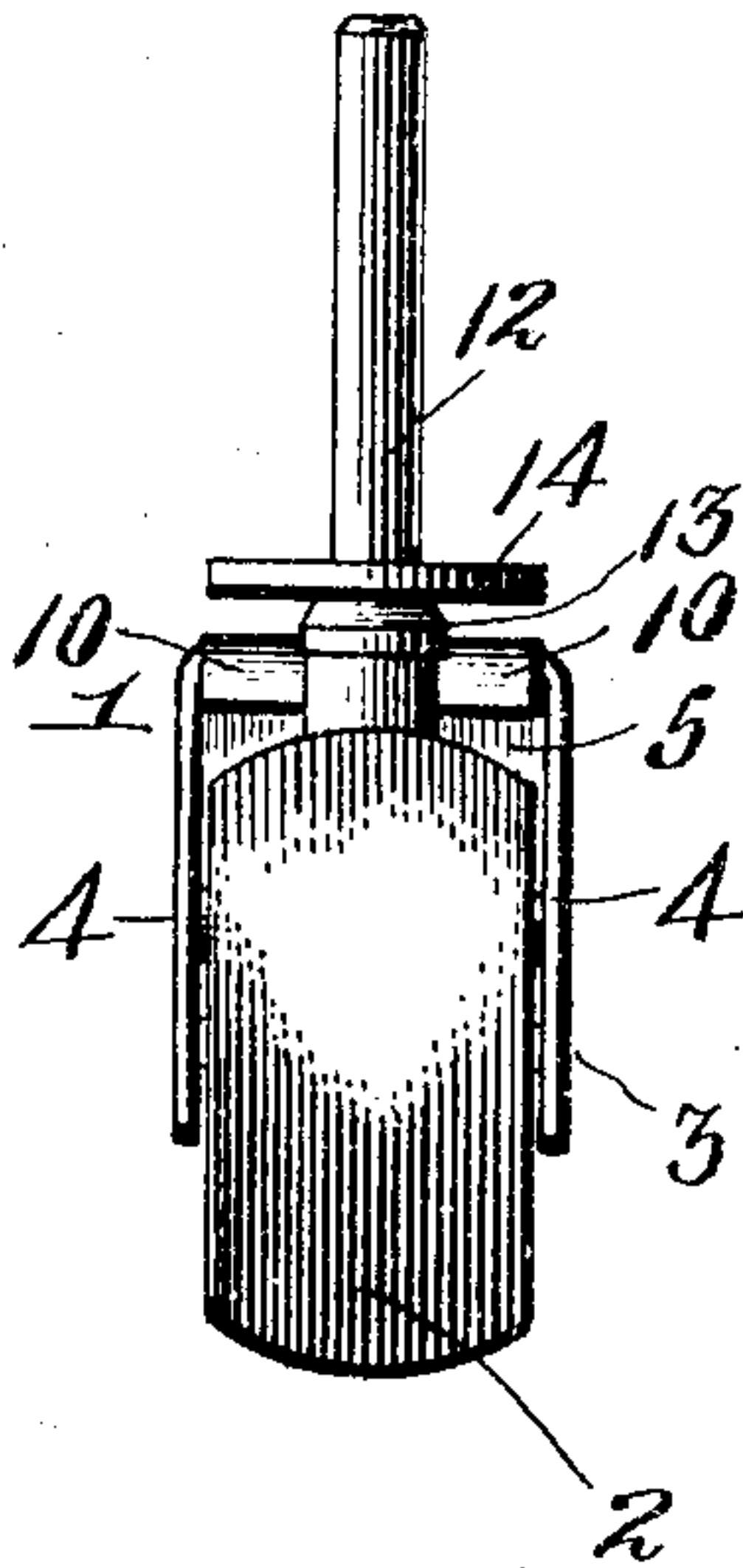


FIG 3.

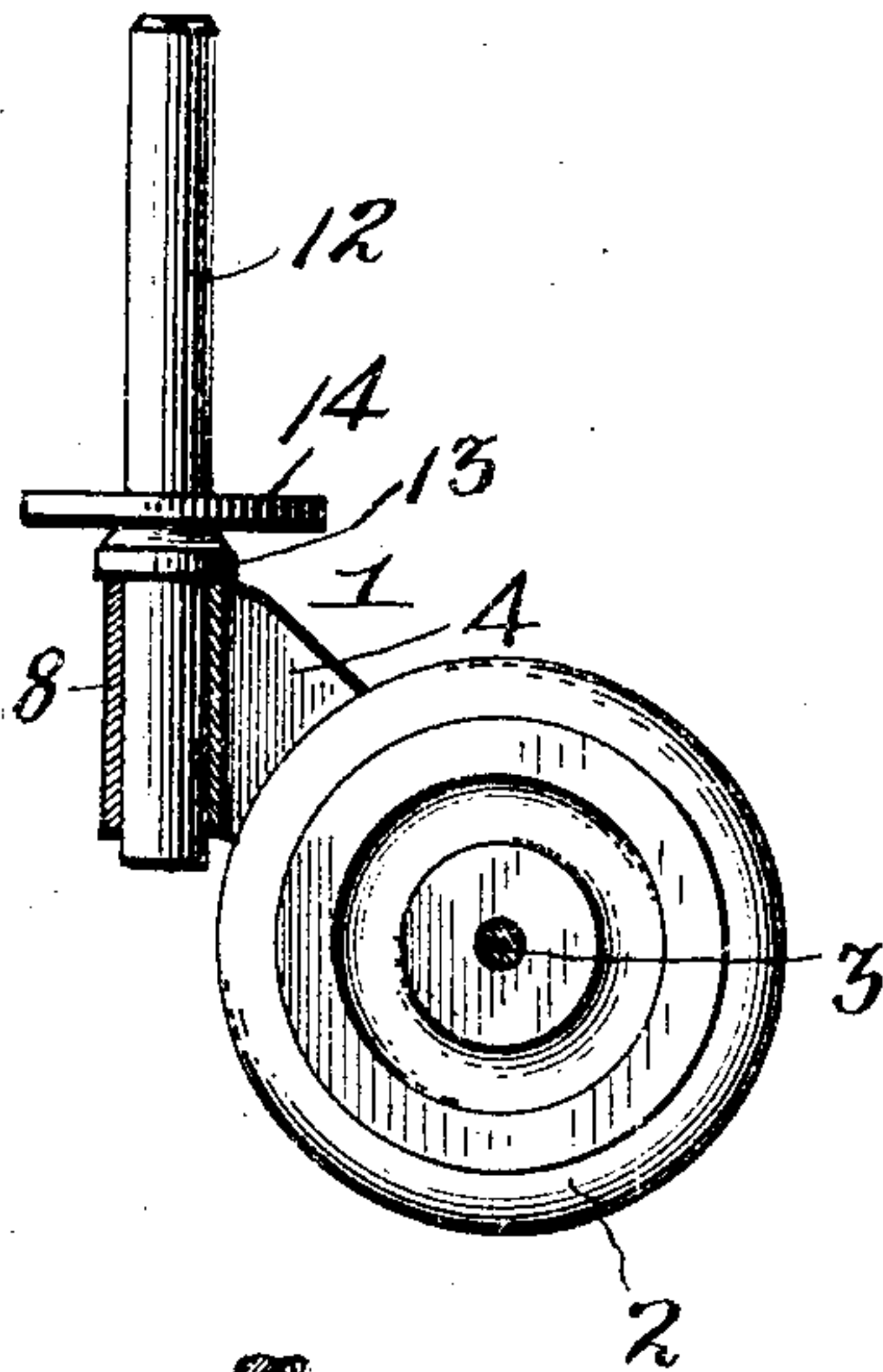


FIG 4.

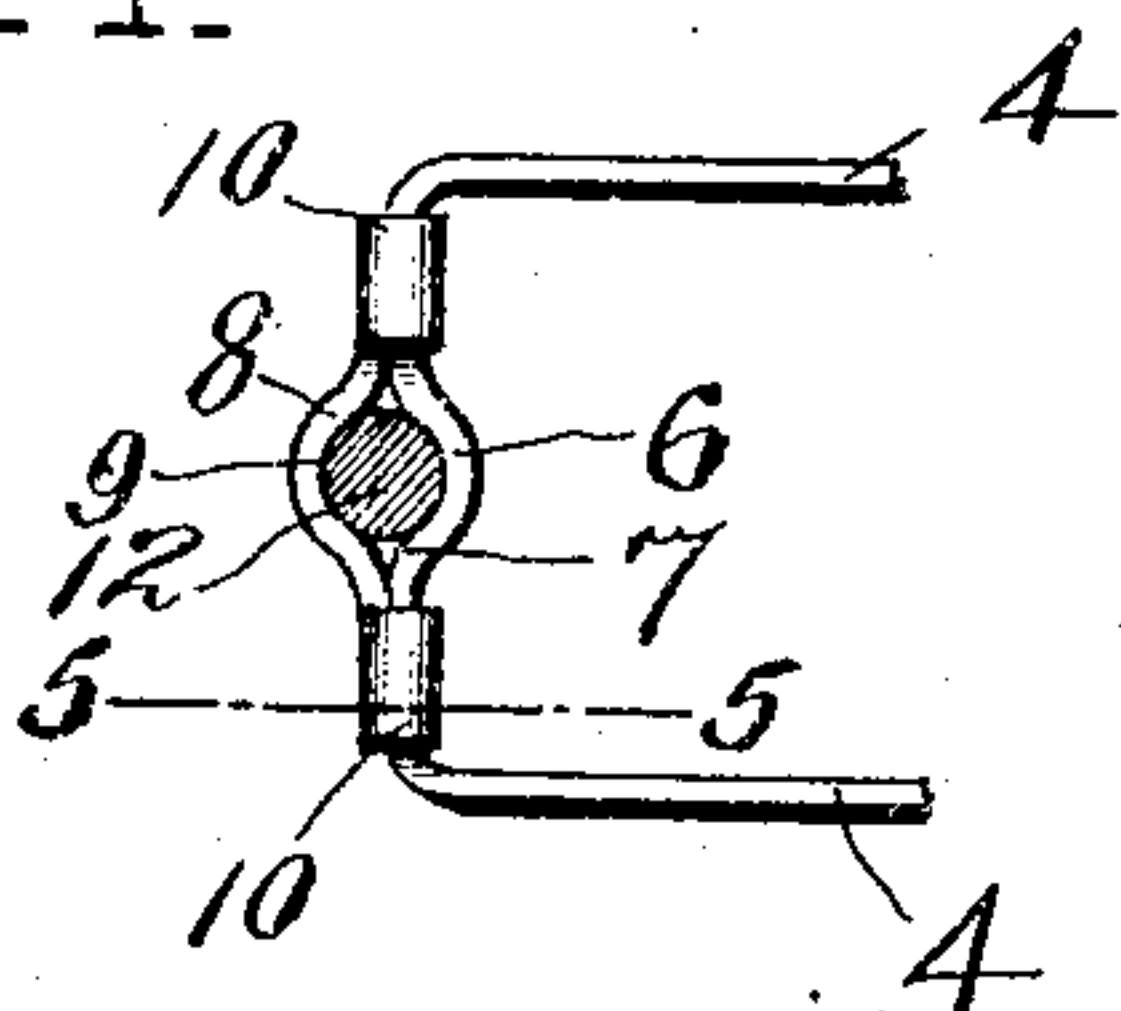


FIG 5.

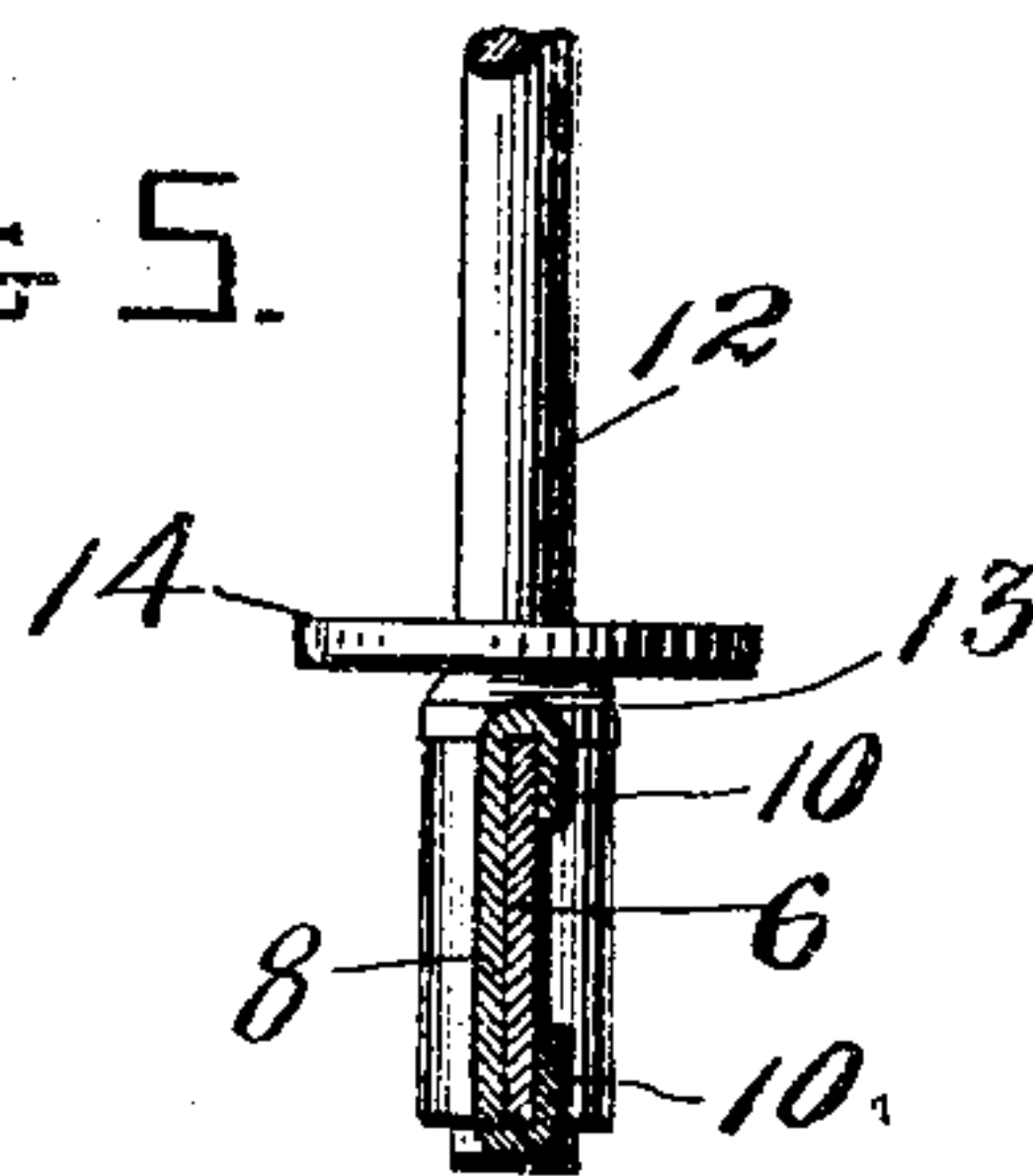


FIG 6.

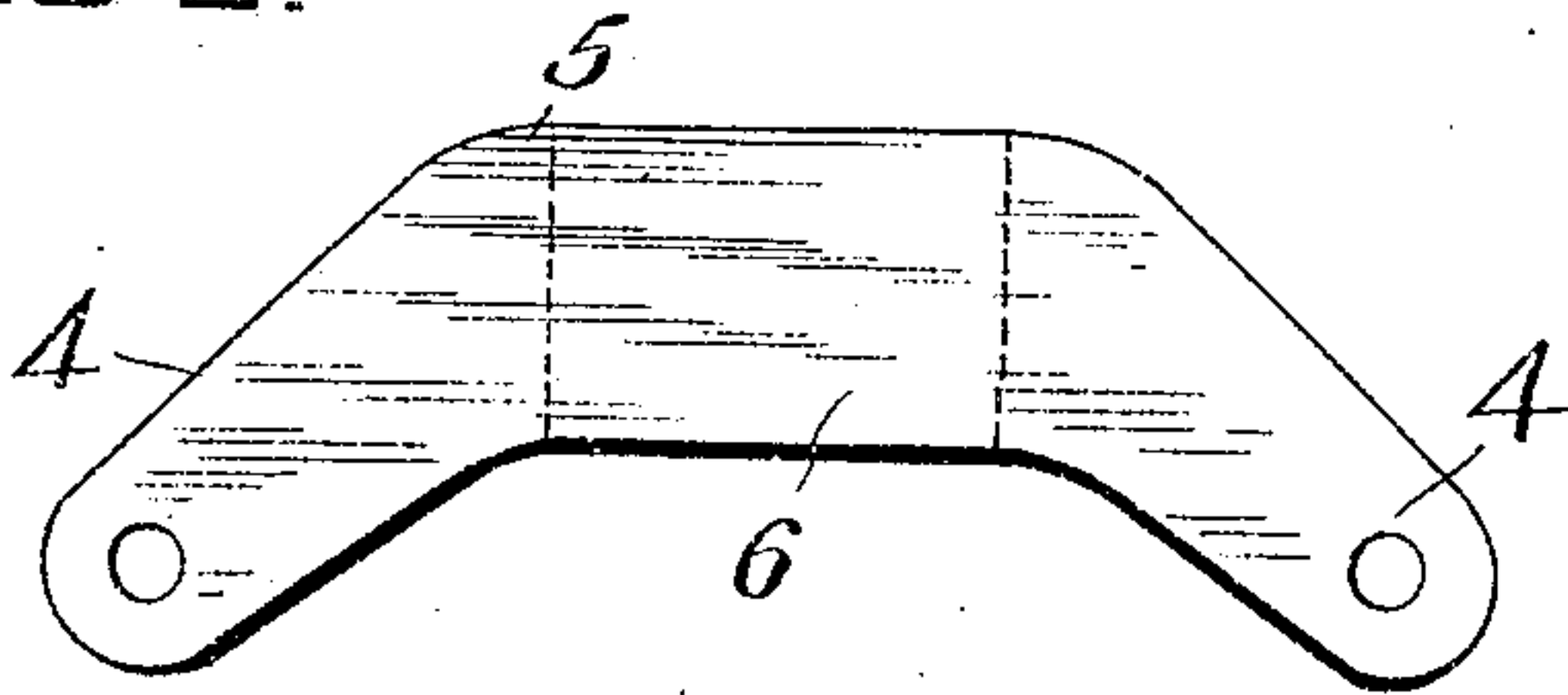
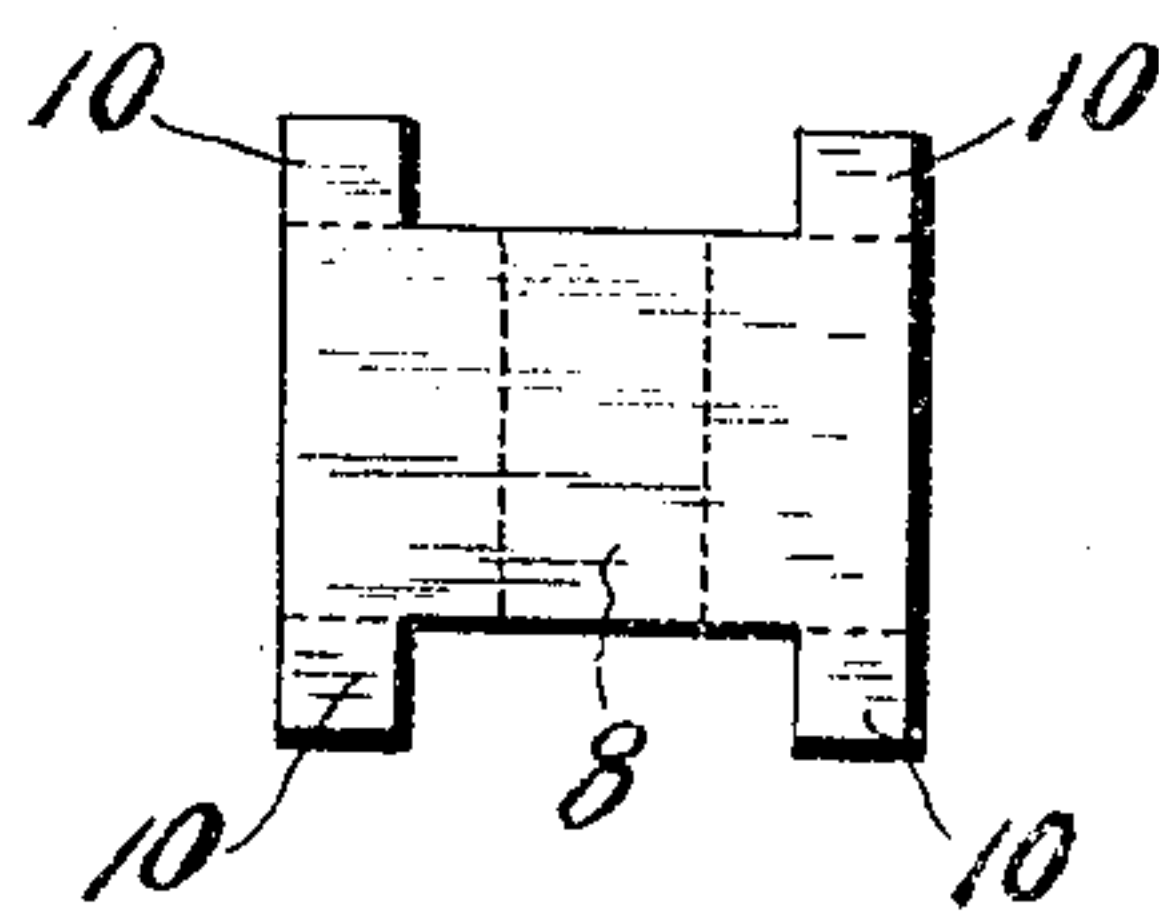


FIG 7.



Witnesses  
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# UNITED STATES PATENT OFFICE.

WILLIAM CHARLES FISCHER, OF NEW YORK, N. Y.

## CASTER.

SPECIFICATION forming part of Letters Patent No. 782,958, dated February 21, 1905.

Application filed February 15, 1904. Serial No. 193,699.

*To all whom it may concern:*

Be it known that I, WILLIAM CHARLES FISCHER, 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; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in casters for furniture and the like.

The object of the invention is to provide a caster which will be simple, strong, and durable in construction and which can be cheaply manufactured.

With this and other objects in view the invention consists of certain novel features of construction, combination, and arrangement of parts, as will be more fully described, and particularly pointed out in the appended claim.

In the accompanying drawings, Figure 1 is a side view of a caster constructed in accordance with the invention. Fig. 2 is a rear view. Fig. 3 is a central vertical longitudinal sectional view of the same. Fig. 4 is a horizontal sectional view on the line 4 4 of Fig. 1. Fig. 5 is a detail vertical sectional view on the line 5 5 of Fig. 4. Fig. 6 is a plan view of the blank from which the caster-frame is constructed. Fig. 7 is a similar view of the blank from which the socket-forming plate is constructed.

Referring more particularly to the drawings, 1 denotes the caster, which consists of a roller 2, journaled on a bolt or shaft 3 between the fork members or horns 4 of the frame 5, which are connected at their forward upper ends by an integral socket-plate 6, in which is formed a vertically-disposed semi-cylindrical channel or recess 7, which forms one-half of a bearing-socket for the caster-spindle.

On the outer side of the plate 6 is arranged a substantially H-shaped counter-plate 8, in which is formed a vertically-disposed semi-cylindrical channel or recess 9, which when

the plate 8 is in place on the plate 6 will coincide with the recess 7 in said latter plate and form a vertically-disposed bearing-socket.

The plate 8 is secured to the plate 6 by ears or lugs 10 on its upper and lower edges on each side of the recess 9, which when the plate 6 is in place are bent over and clenched against the inner face of the plate 6, as shown in Fig. 4.

The socket formed by the recesses 7 and 9 is adapted to receive the end of a spindle 12, on which is formed an annular shoulder 13, which is adapted to bear on the upper edges of the plates 6 and 8. On the spindle 12 above the shoulder 13 and resting on the same is arranged a washer 14, on which is adapted to rest the lower end of the leg of the piece of furniture to which the caster is applied, the upper end of the spindle being driven into the leg in the usual manner.

In a caster-frame constructed as herein shown and described it will be seen that an exceptionally long bearing-socket is formed for the lower end of the spindle, thereby insuring great strength to these parts. A further advantage is in the simplicity of the construction and manner of assembling the parts which enables the caster to be produced at a minimum cost.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

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

A caster comprising the frame-plate having the downwardly-extending horns provided with the curved integral half-bearing for the vertical spindle, a malleable counter-plate curved in the center to form the other half of the spindle-bearing, said counter-plate having



integral lugs bent over the top and bottom  
edges of the frame-plate at opposite sides of  
the spindle-bearing, a caster-wheel journaled  
between the horns, and a spindle pivoted in  
5 the bearing formed by the frame-plate and the  
counter-plate, substantially as described.

In testimony whereof I have hereunto set

my hand in presence of two subscribing wit-  
nesses.

WILLIAM CHARLES FISCHER.

Witnesses:

WILLIAM OTTEN,  
WM. S. GUTHRIE.