

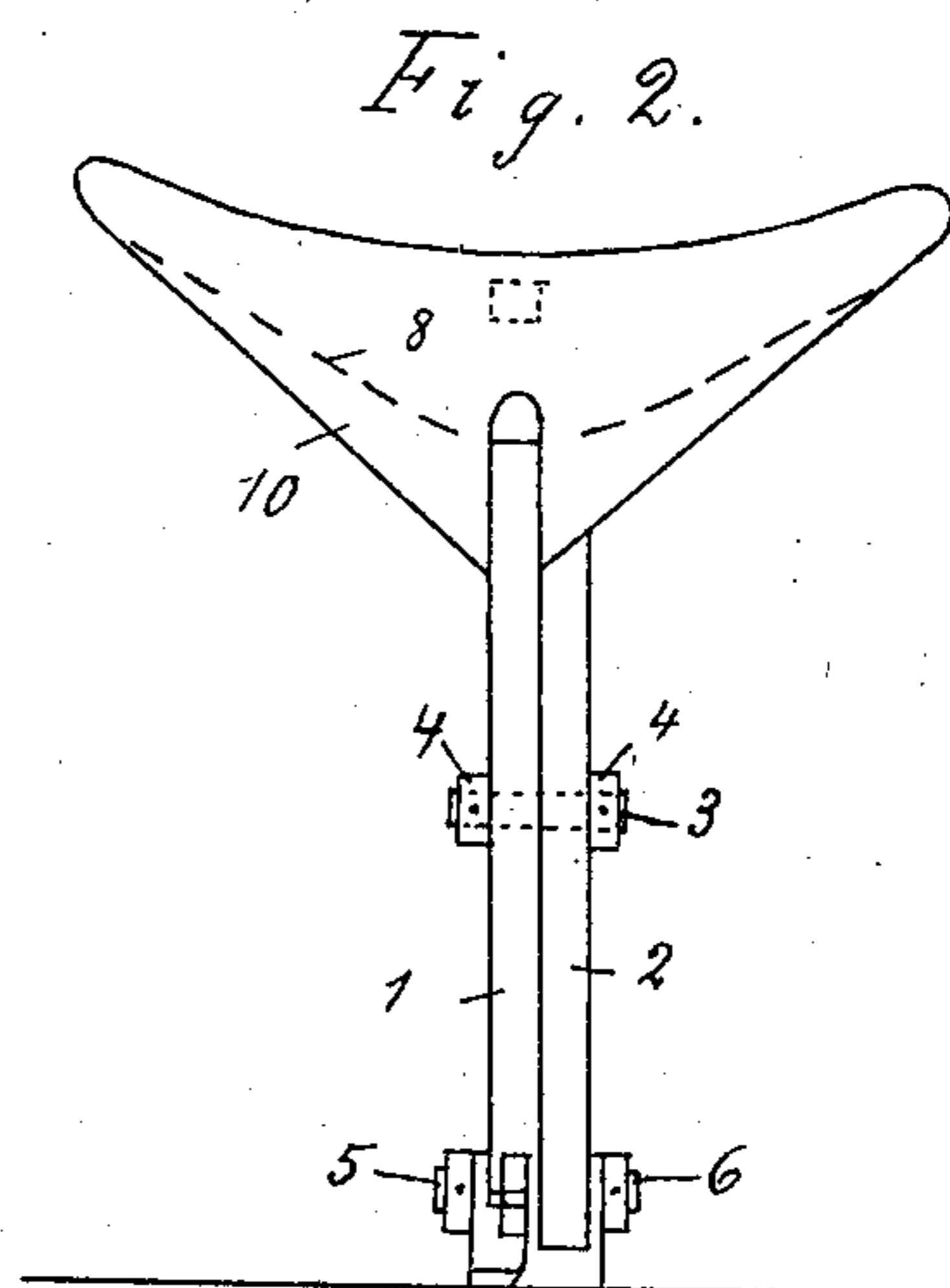
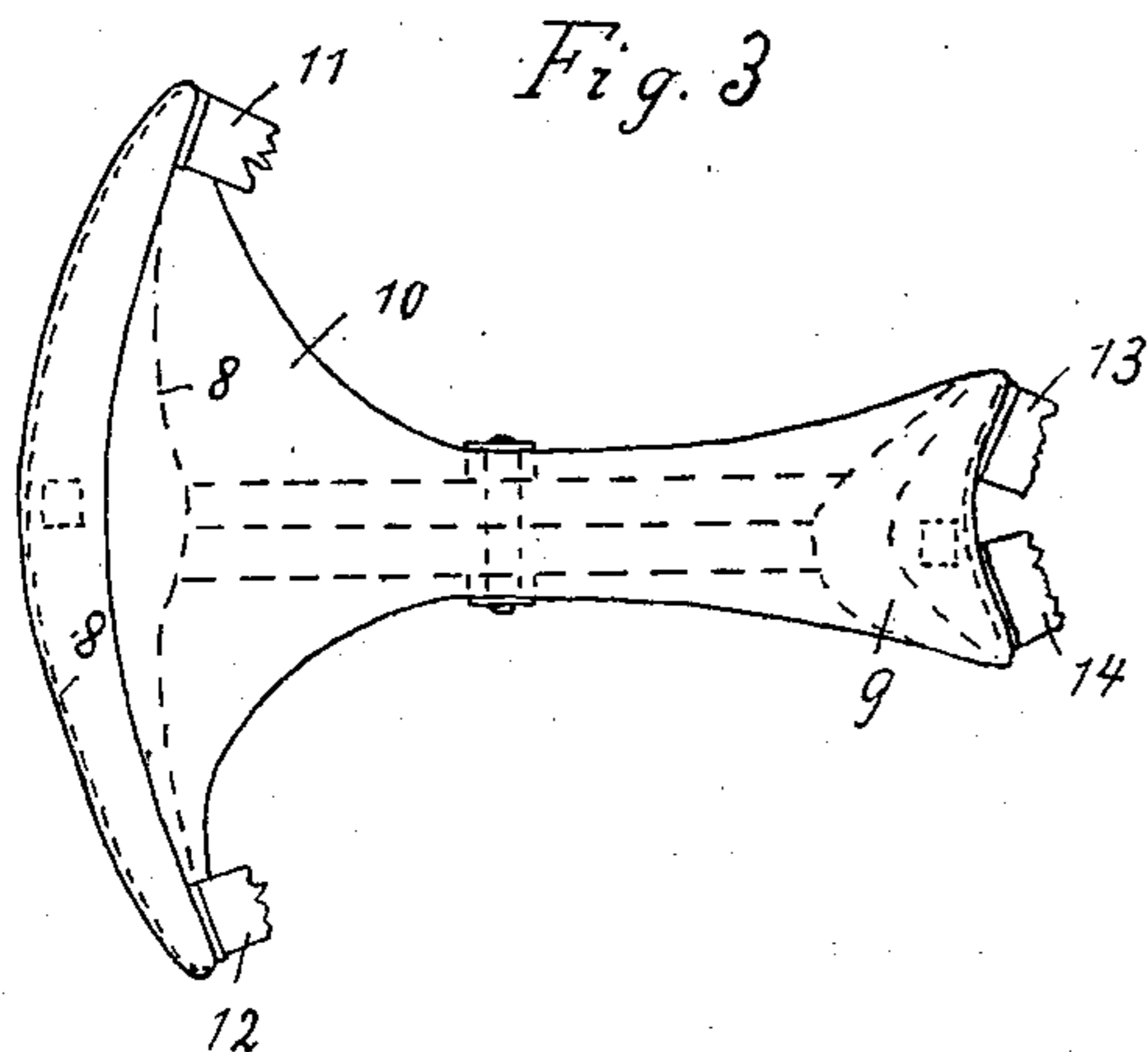
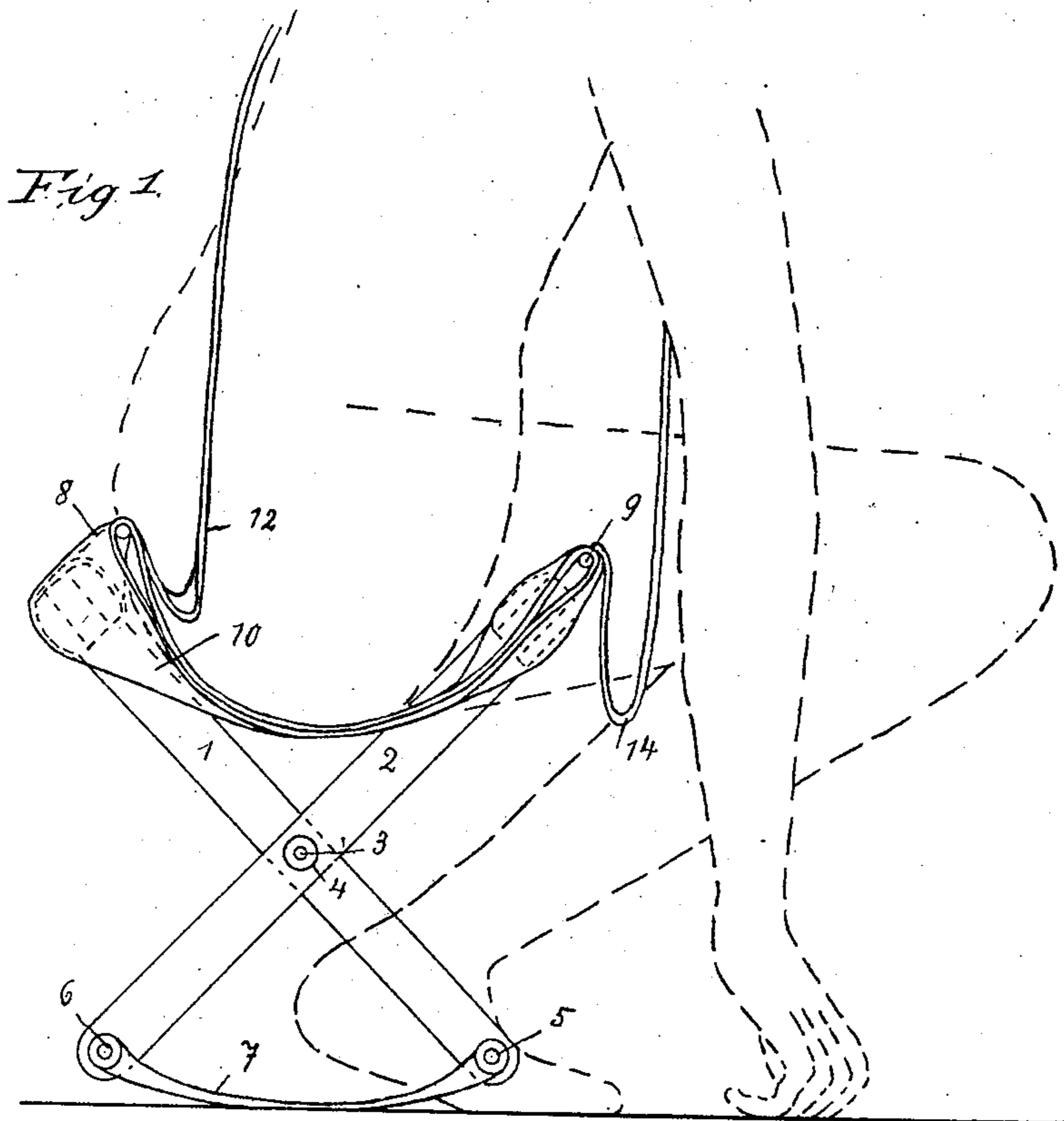
No. 774,873.

PATENTED NOV. 15, 1904.

R. FUCHS.  
PORTABLE FOLDING SEAT.  
APPLICATION FILED MAR. 16, 1904.

NO MODEL.

2 SHEETS—SHEET 1.



Witnesses.

*B. Heeren*  
*Franklin*

Inventor

*Rudolf Fuchs*  
*by P. Singer atty.*

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2 SHEETS—SHEET 2.

Fig. 4.

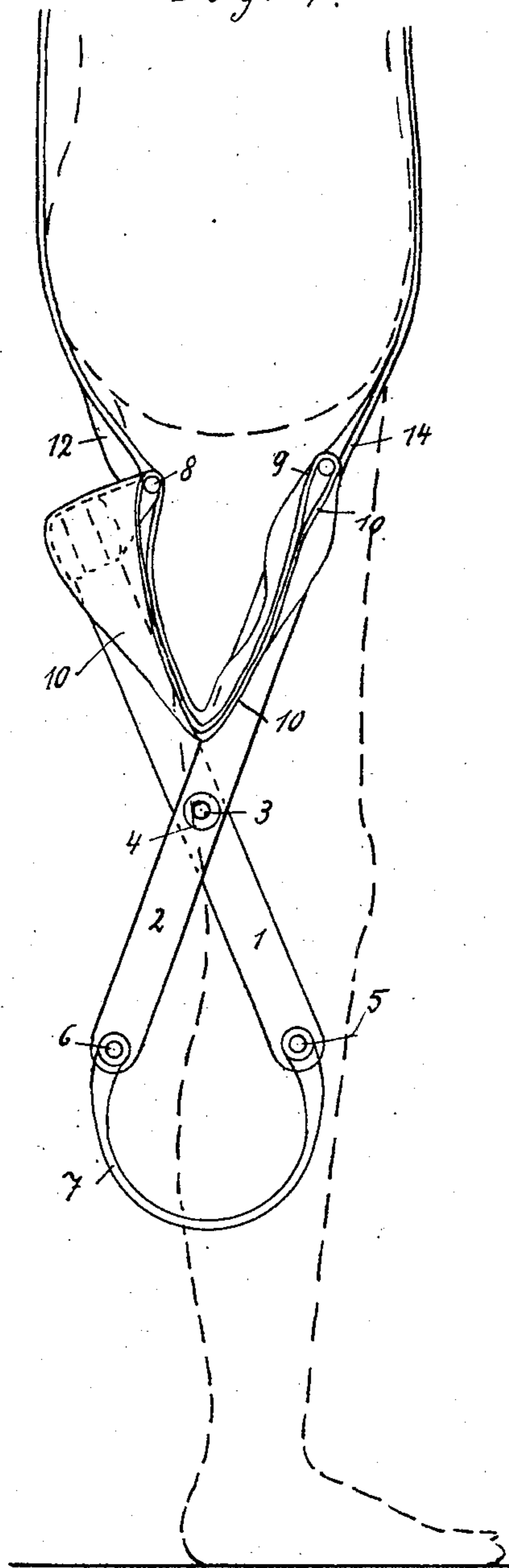


Fig. 5.

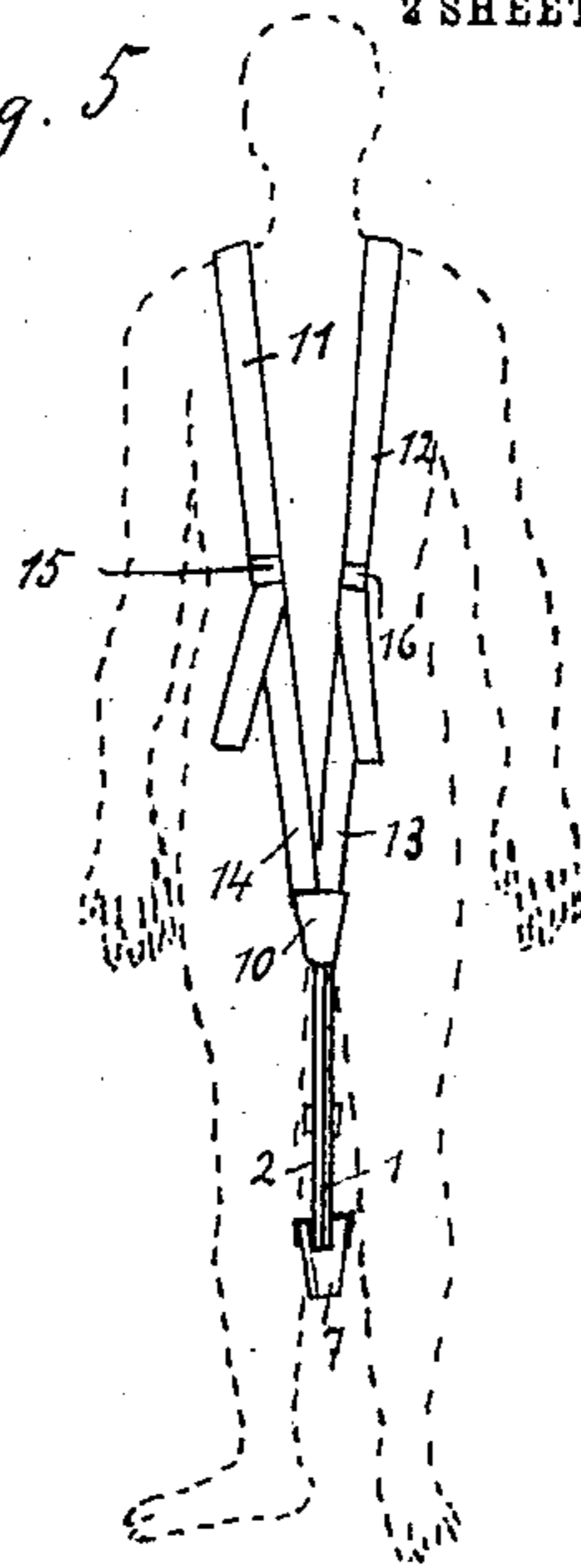
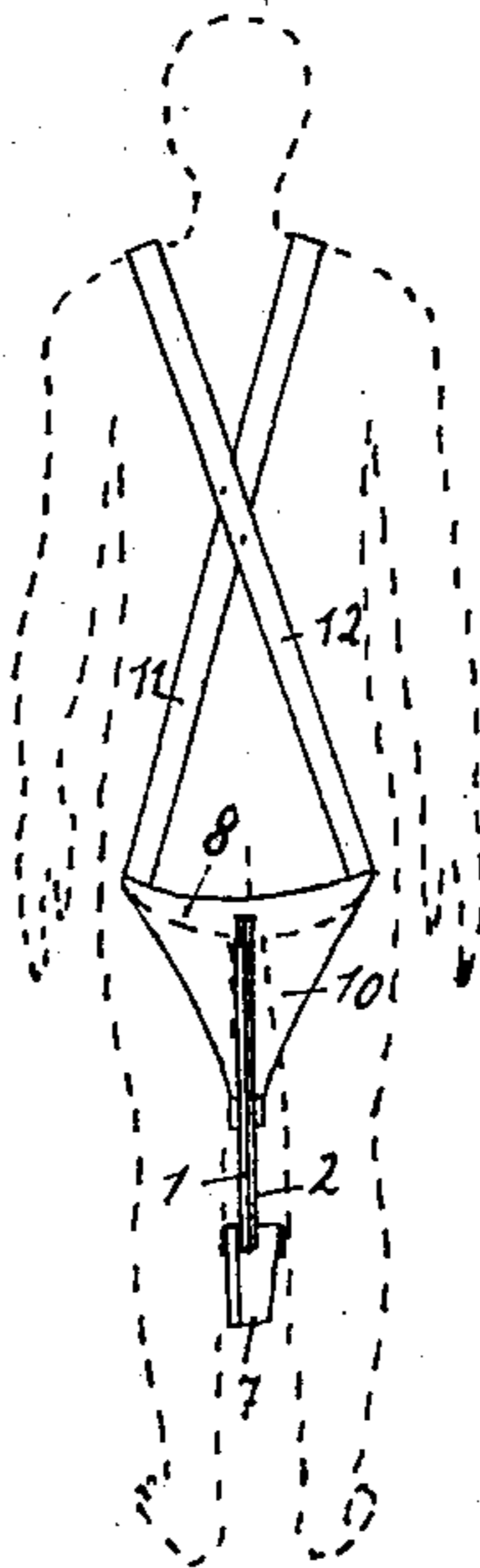


Fig. 6.



Witnesses.

*F. Heeren*  
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*by P. J. Impey atty.*

# UNITED STATES PATENT OFFICE.

RUDOLF FUCHS, OF MEININGEN, GERMANY.

## PORTABLE FOLDING SEAT.

SPECIFICATION forming part of Letters Patent No. 774,873, dated November 15, 1904.

Application filed March 16, 1904. Serial No. 198,454. (No model.)

*To all whom it may concern:*

Be it known that I, RUDOLF FUCHS, a citizen of the Empire of Germany, residing at Meiningen, in the Empire of Germany, have  
5 invented a new and useful Portable Folding Seat, of which the following is a specification.

My invention relates to a portable folding seat intended for performing work while sitting squat to avoid the inevitable fatigue  
10 caused by this position of the body and to facilitate the work.

The objects of my invention are, first, to hang the folding seat on one's shoulders or clothes by means of braces; second, to provide  
15 a spring for folding this seat when one stands upright; third, to so arrange this spring that on one sitting down the seat will spread out and be prevented by the spring from sinking too much into soft soil, and, fourth, to so  
20 shape the spring that it will touch the soil only in the middle when the seat is spread out to enable one to bend a little forward or rearward should his work require this.

I will now proceed to describe my invention, with reference to the accompanying drawings, in which—

Figure 1 is an elevation of a portable folding seat in use by a man sitting squat, this man being indicated by dotted lines. Fig. 2  
30 is a rear view of this seat. Fig. 3 is a plan of the same. Fig. 4 is an elevation of the same in its folded state, the man standing upright, being partly indicated by dotted lines. Fig. 5 is a front view, on a reduced scale, of a  
35 man (indicated by dotted lines,) and of the seat suspended by the braces; and Fig. 6 is a rear view of the same.

Similar characters of reference refer to similar parts throughout the several views.

40 The portable folding seat consists of two wooden bars 1 and 2, crossing each other and pivotally connected by a bolt 3 and nuts 4 4 or their equivalents. The lower ends of these two bars 1 2 are pivotally connected, by means  
45 of bolts 5 and 6, with a curved spring 7, having its convex side downward to touch the ground at its center before the legs make contact therewith, and thus force the legs apart by the weight upon the seat, and which in its

normal position is shown at Fig. 4. The upper end of the bar 1 is rigidly connected with a large bent wooden yoke 8, and the upper end of the other bar, 2, is equally rigidly connected with a small curved wooden yoke 9. The two yokes 8 and 9 are connected by a  
55 girdle or belt 10, of pliable material, and so shaped that it readily adapts itself to the human body and serves as a seat proper. The four corners of this girdle or belt are preferably connected with four flexible braces 11, 12, 13, 60 and 14. The latter may be placed over one's shoulders or attached to one's clothes and can be adjusted in the usual manner by means of buckles 15 and 16 and so that the folded seat does not incommode one's body while walking. 65 (See Figs. 4 to 6, inclusive.)

The spring 7 may be wrapped with any suitable material, be it cloth or the like for producing a greater adhesion on the ground or be it any other material for protecting the  
70 steel from rusting.

The girdle or belt 10 may be conveniently lined or quilted, so as to better adapt itself to the body.

The bars 1 and 2 may be suitably curved or  
75 otherwise shaped.

The manner in which this seat operates is obvious. On sitting down, or rather on stooping to the ground, the spring 7 will touch the ground and stretch out under the weight of  
80 one's body, (see Fig. 1,) so that the two bars 1 and 2 will spread and tighten the girdle or belt 10 to support thereby the body. The stretched spring 7 remains still sufficiently curved downward so that one is enabled to  
85 stoop forward or to bend a little rearward should the work require it. In Fig. 1 the shanks of the legs are shown as beneath the thighs—that is, in their position when one sits squat—but it is evident that one may stretch the  
90 shanks forward and to both sides if the work should render this desirable.

This portable folding seat can be employed for many purposes, such as gardening, paving, and similar works, also as a hunter's  
95 stool, &c. The essential object is that this seat is to avoid fatigue when performing work while sitting squat.

The construction of the portable folding seat may be varied in many respects without deviating from the spirit of my invention.

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

1. The combination with two bars crossing each other and pivotally connected, of a pliable seat connecting the upper ends of said two bars, a downwardly-bowed flat or leaf spring connecting the lower ends of said two bars and tending to hold them in normally folded position, said spring being adapted to rest on the ground in advance of the lower ends of the bars whereby said bars are spread when the seat is in use and the ends thereof are prevented from sinking into the ground, the curvature of said extended spring allowing a leaning forward or backward of the person using said seat.
2. A portable folding seat comprising two bars crossing each other and pivotally connected, a pliable girdle or belt connecting the upper ends of said two bars, a bent leaf-spring

having its convex side downward and connecting the lower ends of said two bars and tending to fold them, constructed in such manner that its center touches the ground in advance of the bars and tends to spread them apart by the weight of the seat, and braces whereby the seat may be suspended from the person.

3. A portable folding seat comprising two bars crossing each other and pivotally connected, two yokes secured on the upper ends of said two bars, a pliable girdle or belt connecting said two yokes, braces, and a bent leaf-spring connecting the lower ends of said two bars and tending to fold them, its convex side being downward to enable one to bend forward and rearward while sitting at work.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

RUDOLF FUCHS.

Witnesses:

MAX SCHUSTER,  
OLGA HINZE.