

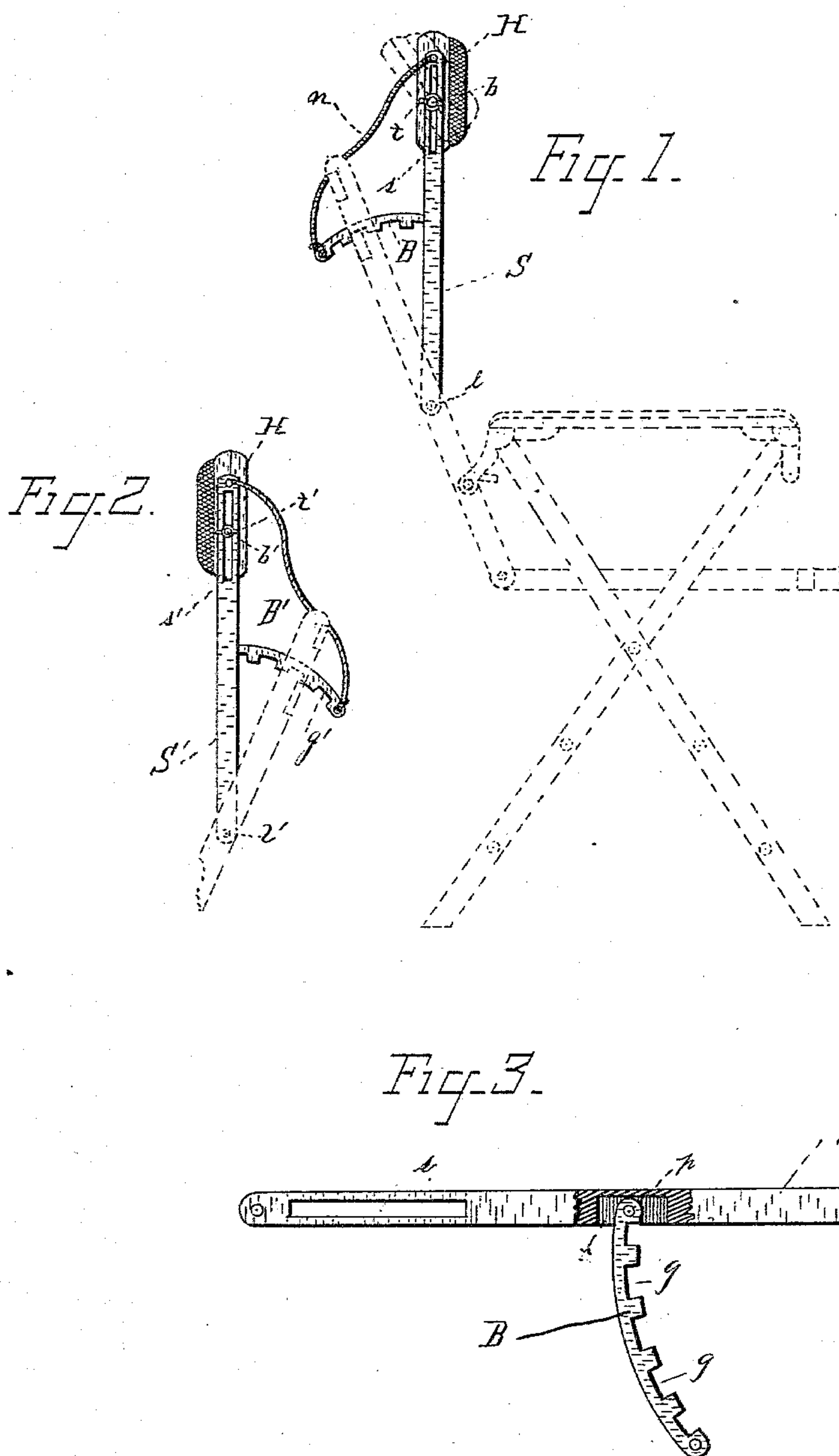
(No Model.)

F. H. PLUMMER.

HEAD REST.

No. 296,779.

Patented Apr. 15, 1884.



Witnesses,  
W. A. Jones.  
H. M. Coragin.

Inventor  
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# UNITED STATES PATENT OFFICE.

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## HEAD-REST.

SPECIFICATION forming part of Letters Patent No. 296,779, dated April 15, 1884.

Application filed November 23, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, FRANK H. PLUMMER, a citizen of the United States, residing at Hen-  
niker, in the county of Merrimac and State of  
5 New Hampshire, have invented certain new  
and useful Improvements in Head-Rests; 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  
10 which it appertains to make and use the same,  
reference being had to the accompanying draw-  
ings, and to the letters and figures of reference  
marked thereon, which form a part of this speci-  
fication.

15 The object of my invention is to provide an  
attachable or detachable head-rest for the  
back of reclining or other suitable chairs,  
which shall be adjustable vertically or back  
and forward, the head-piece being pivoted, to  
20 tip freely to any position the occupant of the  
chair may desire.

My invention consists in details of construc-  
tion, which will be described below, and pointed  
out in the claims.

25 In the drawings, Figure 1 is a side elevation,  
partly in dotted lines. Fig. 2 is a side eleva-  
tion of the opposite side of the head-rest, re-  
versing the chair. Fig. 3 is a detail view of  
one of the side and rack bars.

30 Like letters refer to like parts.

The head-piece H, which may be of any  
proper material or upholstered, is pivoted in  
the slots *s s'* of the side bars, *S S'*, by means  
of short bolts *b b'* on each side. Only the  
35 ends of these bolts are shown in the drawings;  
but they are screw-threaded to receive thumb-  
nuts *t t'*. The slots in the side bars are long,  
to permit the vertical adjustment of the head-  
piece to the height of the person. When the  
40 desired vertical adjustment is gained, the  
thumb-nuts are slightly tightened, and the  
head-piece is free to tip back or forward on  
the pivots formed by the short bolts, and when  
tipped to the desired position the thumb-nuts  
45 are firmly tightened. The side bars, *S S'*, ex-  
tend down from each side of the head-piece  
within the sides of the chair-back, and are  
pivoted by screws *l l'* at their lower ends.  
Thus said bars are free to move back and for-

ward, or may be inserted or removed at pleas- 50  
ure.

Near the center of the side bars is made a  
recess. (See *r*, Fig. 3.) This is large enough  
to receive and give free play to a rack-bar, *B*.  
Said rack-bar is pivoted at *p* to move freely 55  
up and down. It is somewhat curved, and ex-  
tends back to engage with the top of a cross-  
bar in the chair-back. As the bars *B B'* have  
several square recesses or grooves, *g g'*, on the  
under side, this engagement is easily effected, 60  
and in such a way as to fasten the rack and  
side bars in the position desired merely by  
raising and lowering the former by the cord *n*,  
attached to the ends of said bars, as shown in  
Figs. 1 and 2. 65

The chair proper is shown in dotted lines  
in the drawings. As this forms no part of my  
invention, it needs no description, and it is  
merely introduced to show how my head-rest  
is applied to a reclining-chair in the present 70  
instance.

Though I have shown the head-rest attached  
inside of the chair-back, it is evident that it  
could be placed outside; but one of the cross-  
bars in the chair-back would have to be ex- 75  
tended to engage with the rack-bars.

My head-rest has the following advantages:  
It may be attached or removed at will by tak-  
ing out the pivots at the lower ends of the  
side bars and loosening the cord at the end of 80  
the rack-bars. It is adjustable vertically for-  
ward and back, the head-rest proper being  
free at all times to be tipped, as the position  
of the head may require, by loosening the  
thumb-screws slightly. These several adjust- 85  
ments may be made without getting out of the  
chair. It may be applied to any reclining-  
chair, with slight alteration of the latter, if any.

Having fully described my invention, what I  
claim, and desire to secure by Letters Patent, 90  
is—

1. The combination, with a chair, of bars  
pivoted at one end to the sides of the back-  
frame, and slotted substantially as described,  
a head-rest pivoted to the free ends of said 95  
bars and adjustable in the slots, as set forth,  
and means, substantially as described, for ad-  
justing the inclination of said bars with re-



spect to the chair-back, as and for the purposes specified.

2. The combination of the head-rest provided with the lateral pivot-bolts *b b'* and thumb-nuts *t t'*, with the swinging side bars, *S S'*, provided with slots *s s'*, and recesses *r*, the pivoted rack-bars *B B'*, and the chair, as set forth.

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

FRANK H. PLUMMER.

Witnesses:

H. W. CRAGIN,  
C. A. COOPER.