

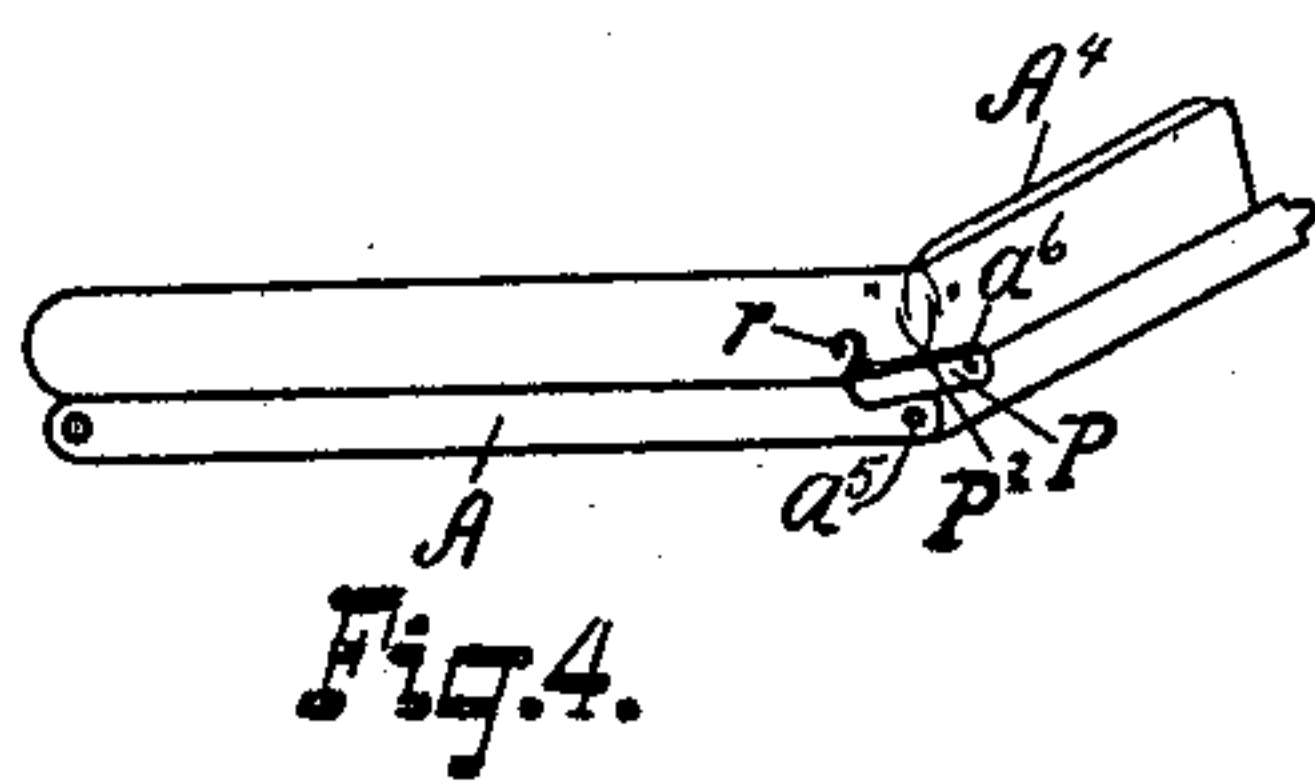
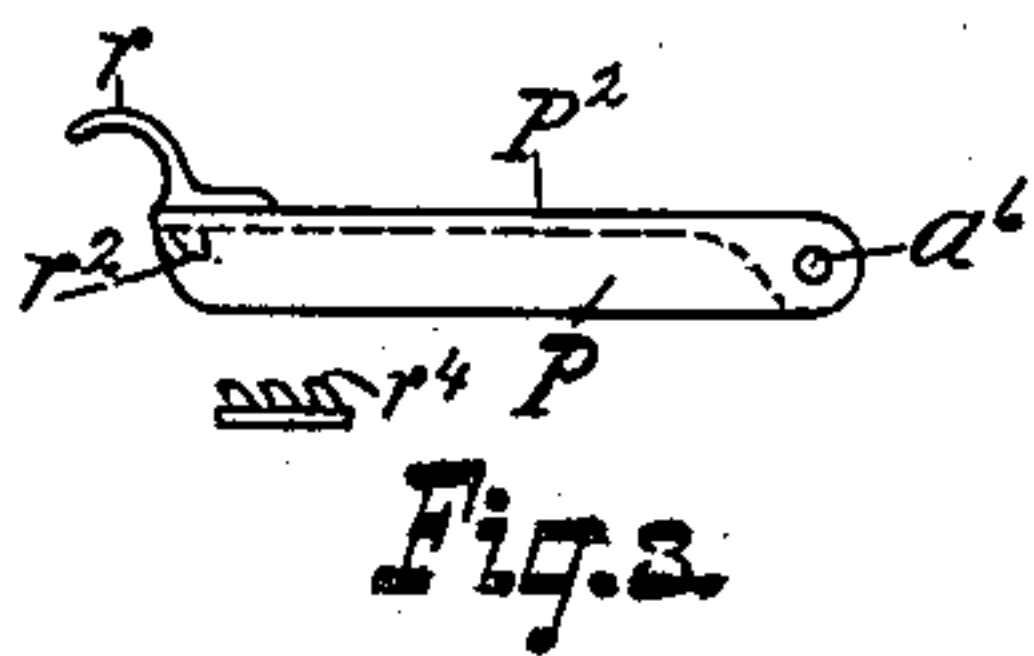
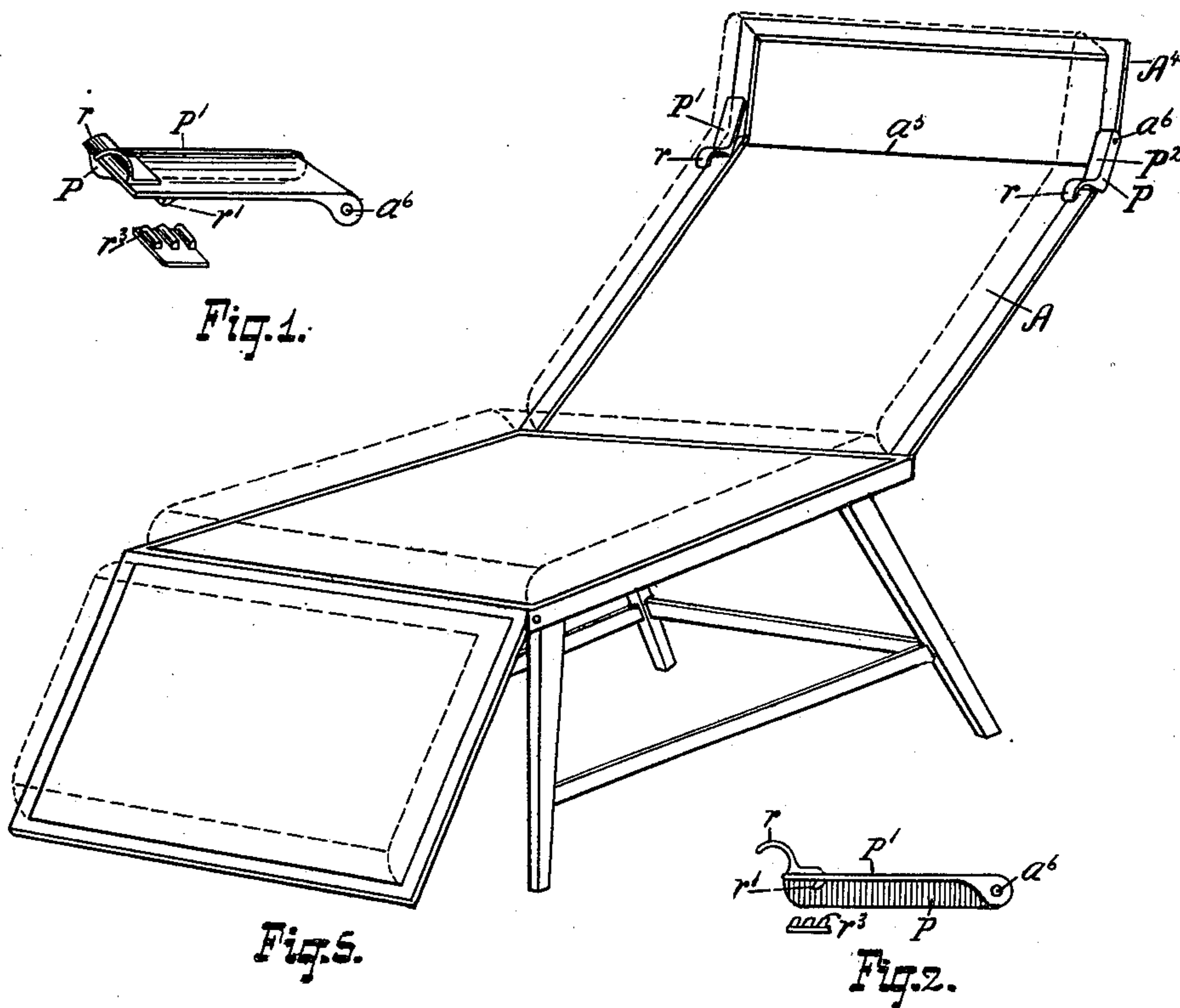
(No Model.)

C. E. ANDERSON.

HEAD REST.

No. 335,554.

Patented Feb. 9, 1886.



**Witnesses**

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# UNITED STATES PATENT OFFICE.

CHARLES EDWARD ANDERSON, OF LONDON, ONTARIO, CANADA.

## HEAD-REST.

SPECIFICATION forming part of Letters Patent No. 335,554, dated February 9, 1886.

Application filed May 26, 1885. Serial No. 166,778. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES EDWARD ANDERSON, a subject of the Queen of Great Britain, residing at the city of London, in the county of Middlesex, Province of Ontario, Canada, machinist, have invented certain new and useful Improvements in Head-Rests for Easy-Chairs for Invalids or other Purposes, of which the following is a specification.

10 This invention relates to an adjustable head-rest hinged to the back of an easy-chair, and held at any position to which it is adjusted for supporting a person's head; and this invention consists of a head rest or support for a person's head which is hinged to or forms part of the back of the chair, and capable of adjustment at any required angular position to the back of said chair, and held at any position to which it is adjusted by means of holding devices.

The construction and operation will be more particularly explained with reference to the accompanying drawings, wherein—

25 Figure 1 is a perspective view of the devices attached to oneside of the chair for holding the head rest or support from moving forward farther than required. Fig. 2 is a side elevation of the same. Fig. 3 is a side elevation of the devices (attached to the opposite side of the chair to that shown in Fig. 1) for the purpose of holding the head rest or support from being lowered when elevated to support the head. Fig. 4 is a sectional view of the upper part of the back of the chair and the head rest or support held in position by holding devices. Fig. 5 is a perspective view of an invalid's easy-chair, showing my improved adjustable head-rest pivoted to the back of the chair and the arrangement of the devices for holding it in position.

40  $a^5$  designates a pivot-bolt, which not only secures the upper part,  $A^4$ , of the back, which forms a head rest or support to the lower part, A, but upon which the upper part,  $A^4$ , is pivoted.

45  $P' P^2$  are caps, each provided with a flange, P, to cover over the joint in the frame of the back A at the junction of the head-rest with said back. These caps  $P' P^2$  are pivoted on

pivot-pins  $a^6$ , secured in the frame of the upper part,  $A^4$ , of the back of said chair. In Fig. 4 of accompanying drawings they are shown pivoted to the upper part,  $A^4$ .

$r$  is a lug or lift forming part of each cap  $P' P^2$ , by which the caps  $P' P^2$  are lifted to disengage the dogs  $r' r^2$  from or to engage them with the teeth of ratchets  $r^3 r^4$ .

$r^3 r^4$  are ratchets rigidly secured to the back of the chair on the adjacent part of the back to that to which the caps  $P' P^2$  are pivotally secured, and are fitted to engage with and hold the dogs  $r'$  and  $r^2$ , and thereby hold the head-rest at any angle to which it may be adjusted.

The caps  $P' P^2$ , with the different arrangement of the dogs  $r' r^2$  and ratchets  $r^3 r^4$ , as shown in Figs. 2 and 3 of accompanying drawings, are attached to the back of each chair, one to each side of the frame. That arrangement shown in Fig. 3 is to prevent the head rest or support  $A^4$  from lowering when the dog  $r^2$  engages with the ratchet  $r^4$ , and that shown in Fig. 2 is to prevent the head rest or support  $A^4$  from being raised when the dog  $r'$  engages with the ratchet  $r^3$ , except when the operator wishes to adjust said head-rest, which is done by grasping the lug  $r$  and lifting the cap  $P'$  to raise the head-rest to the position shown in Fig. 4 of accompanying drawings, and by grasping lug  $r$  and lifting the cap  $P^2$  the head-rest may be lowered. The dogs are lowered to engage with ratchets when the head-rest  $A^4$  is adjusted to the required position.

Having thus described my invention, I claim—

1. The pivotal cap  $P^2$ , provided with flange P, lug  $r$ , and dog  $r^2$ , and ratchet  $r^4$ , in combination with the head-rest  $A^4$ , pivotally connected to the back A, substantially as shown and described, and for the purpose specified.
2. The pivotal caps  $P' P^2$ , provided with flanges P, lugs  $r$ , and dogs  $r' r^2$ , and ratchets  $r^3 r^4$ , respectively, in combination with the head-rest  $A^4$ , pivotally connected to the back A, or its equivalent, substantially as shown and described, and for the purpose specified.



3. The back A, formed with an adjustable  
part, A<sup>4</sup>, to form a head-rest, said head-rest  
being capable of adjustment and held at any  
angle to the back A to which it may be ad-  
5 justed by means of suitable supporting de-  
vices, substantially as shown and described.  
In testimony whereof I affix my signature

in the presence of the two undersigned wit-  
nesses.

CHARLES EDWARD ANDERSON.

Witnesses:

P. J. EDMUNDS,  
A. EDMUNDS.