

Oct. 31, 1950

F. M. GOODWIN

2,527,544

ADJUSTABLE HEADREST FOR ATTACHMENT TO CHAIRS

Filed Oct. 20, 1948

Fig. 1.

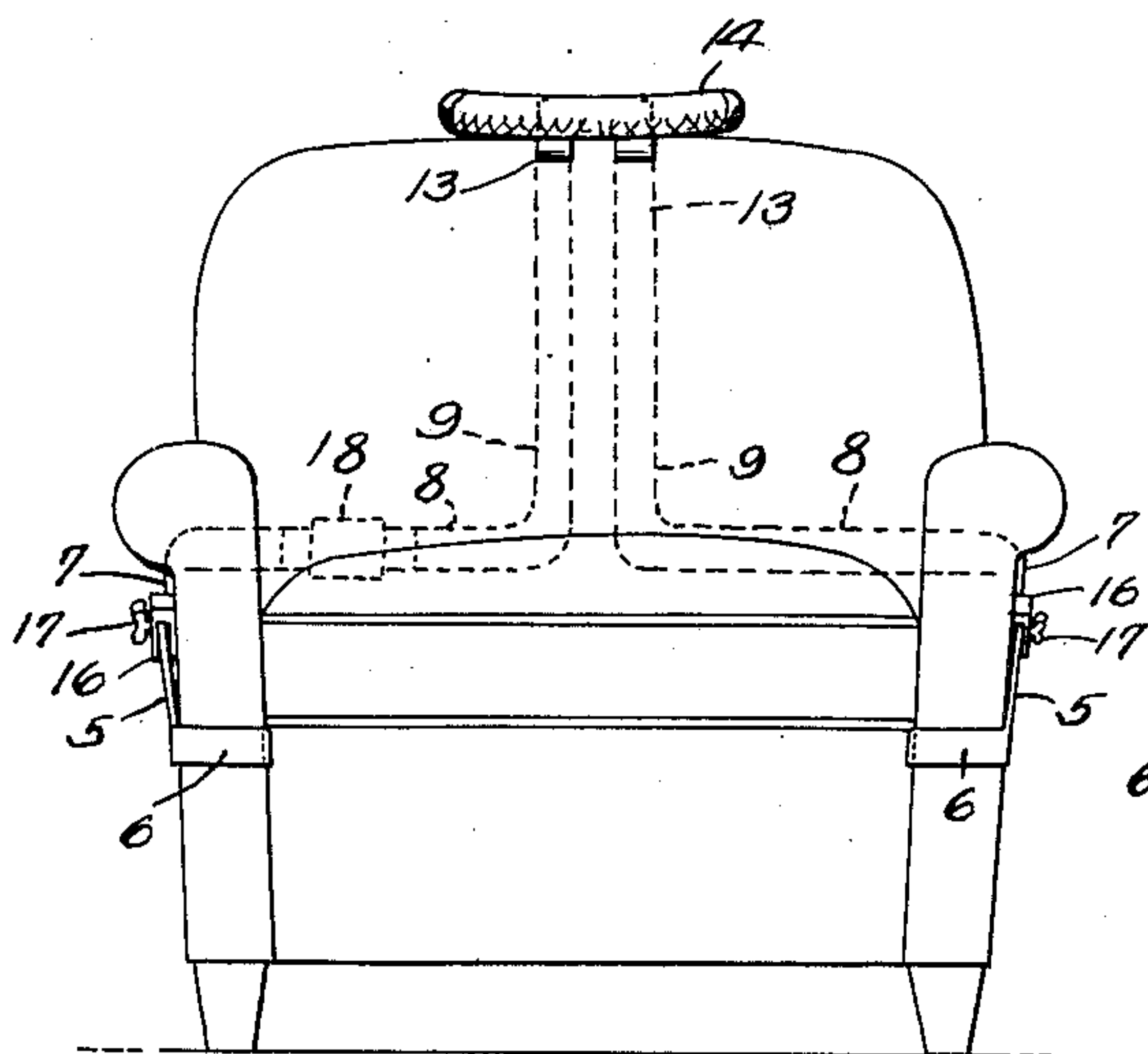


Fig. 2.

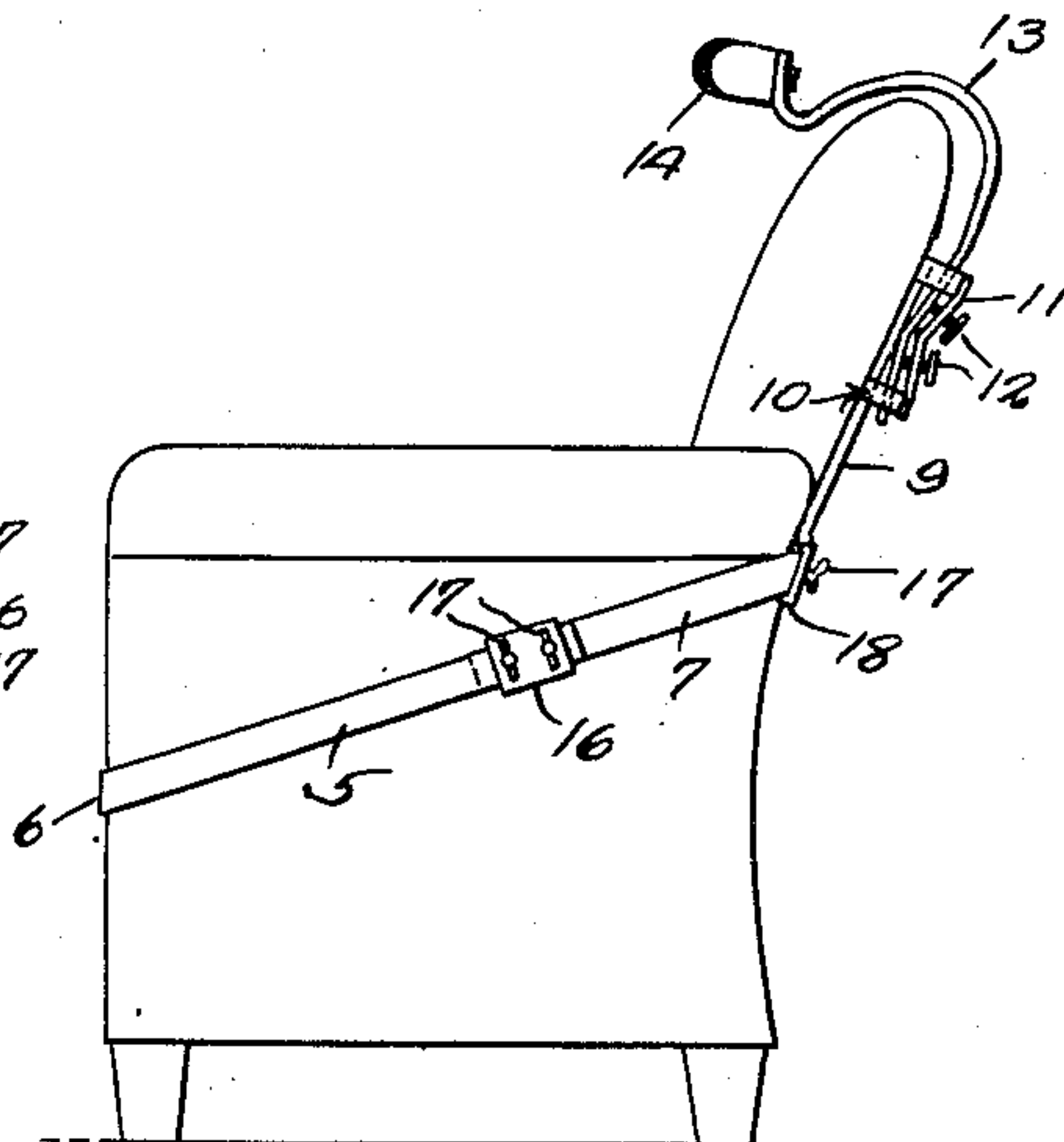


Fig. 3.

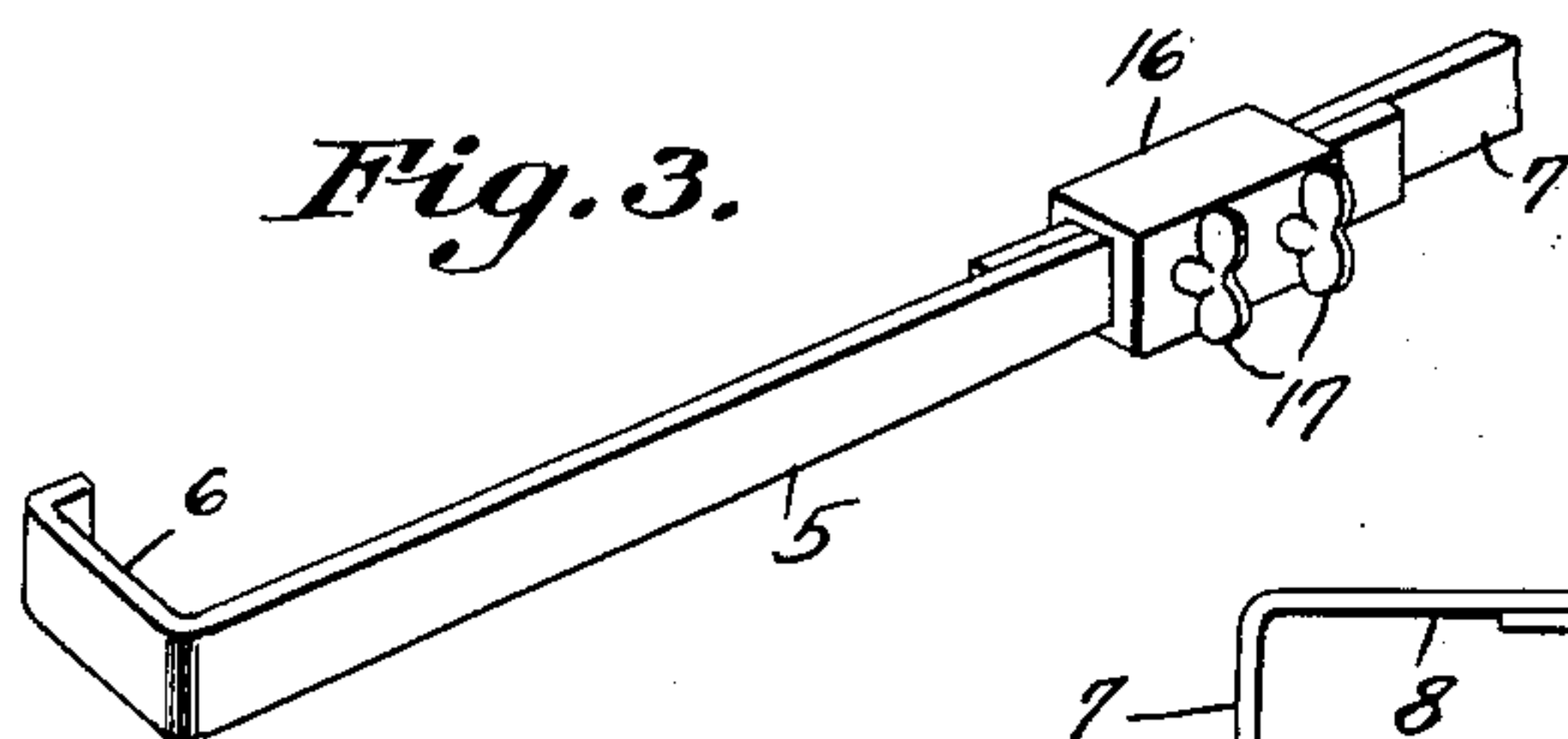


Fig. 4.

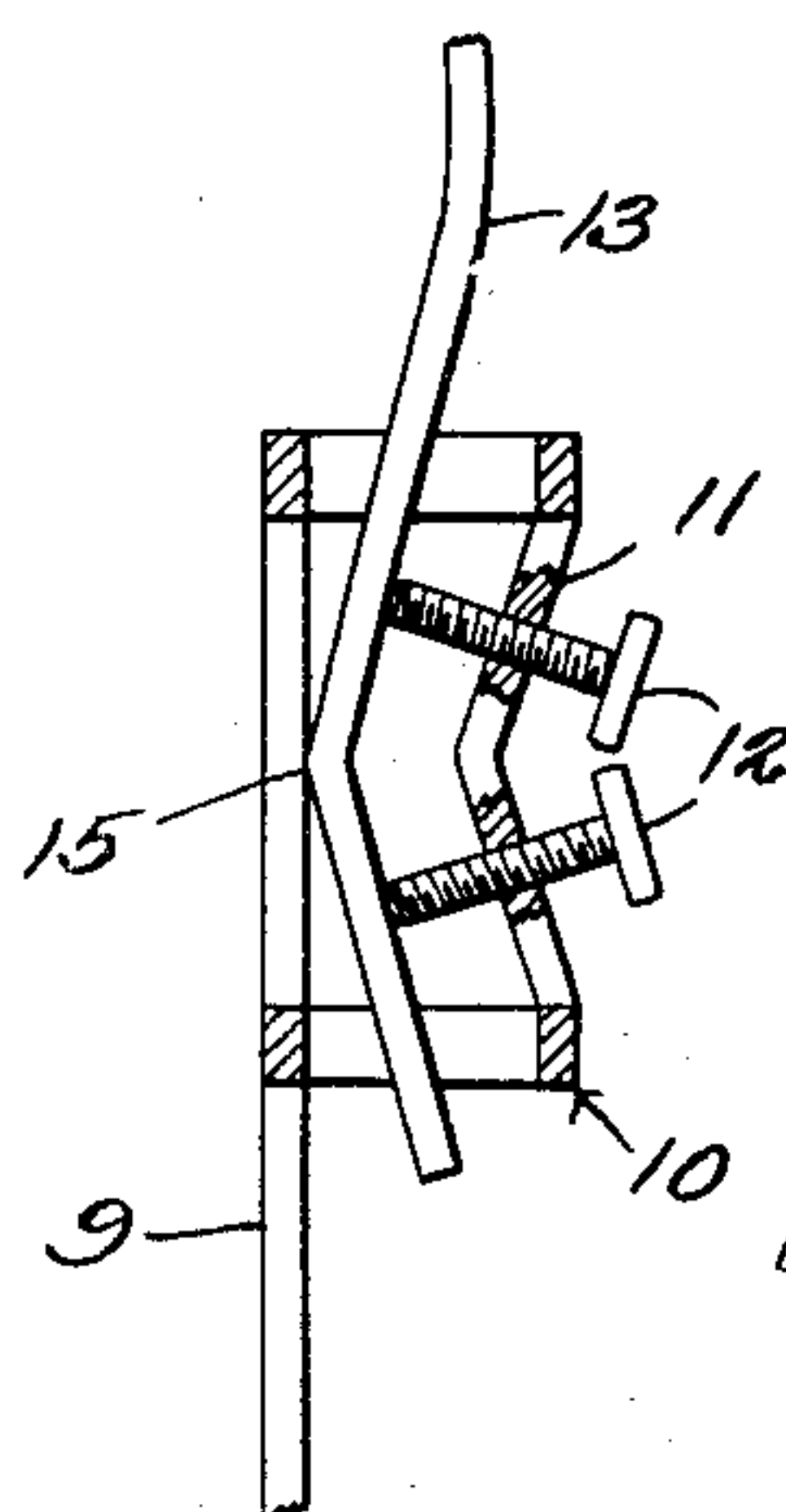
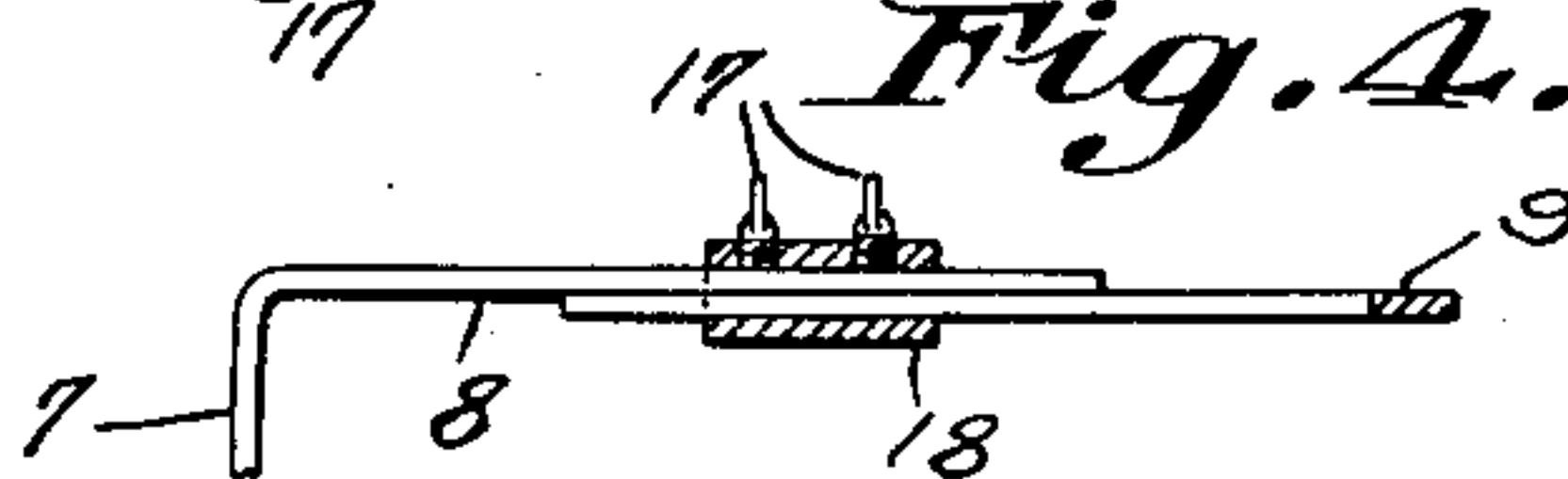


Fig. 6.

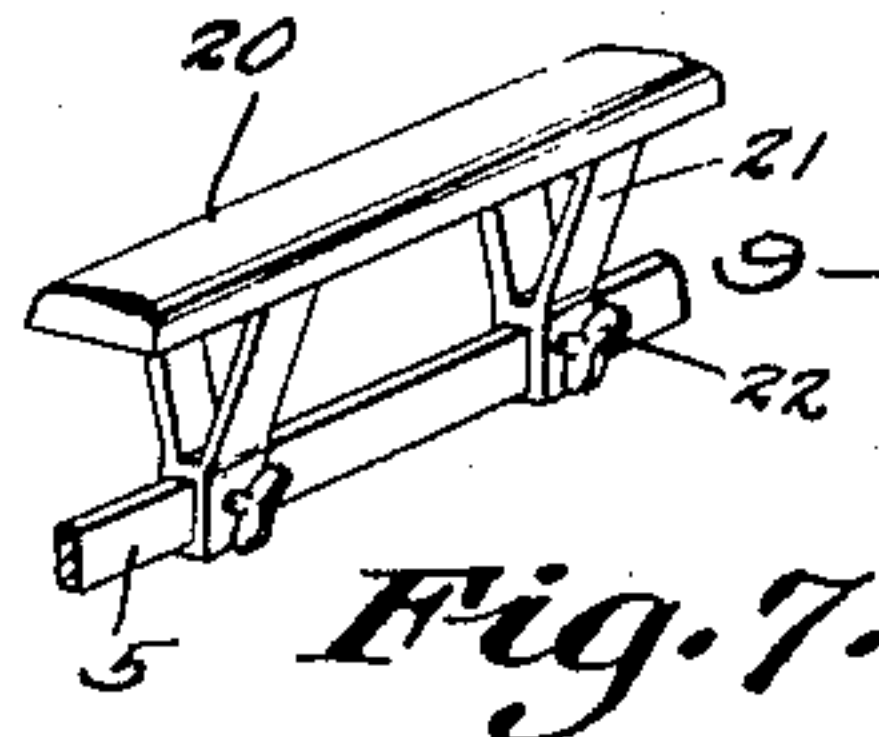


Fig. 7.

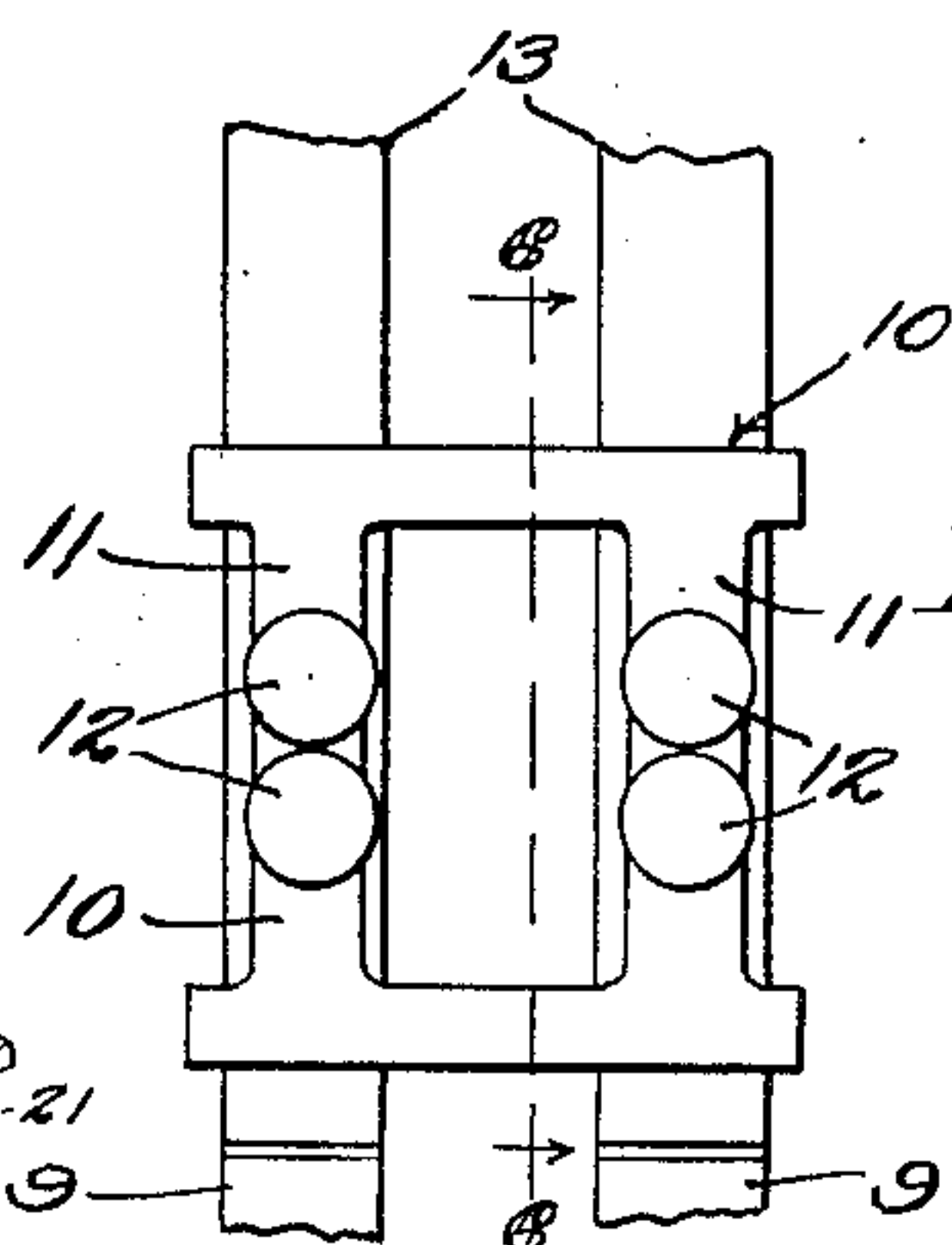


Fig. 5.

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2,527,544

ADJUSTABLE HEADREST FOR ATTACHMENT TO CHAIRS

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Application October 20, 1948, Serial No. 55,563

3 Claims. (Cl. 155—177)

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This invention relates to an attachment for chairs in the form of a head rest which is so constructed and arranged that it may be readily and easily clamped around a chair.

An important object of the invention is to provide a head rest which may be adjusted with respect to the clamping members which secure it to the chair, so that the head rest may be moved to various angles for the comfort of the user.

With the foregoing and other objects in view which will appear as the description proceeds, the invention consists of certain novel details of construction and combinations of parts, hereinafter more fully described and pointed out in the claims, it being understood that changes may be made in the construction and arrangement of parts without departing from the spirit of the invention as claimed.

Referring to the drawing

Figure 1 is a front elevational view of a head rest constructed in accordance with the invention, as secured to a chair.

Fig. 2 is a side elevational view thereof.

Fig. 3 is a fragmental perspective view illustrating one of the clamping arms of the head rest.

Fig. 4 is a longitudinal sectional view through the clamping sleeve used in clamping the sections of the arms of the support together.

Fig. 5 is an elevational view illustrating the means for securing the head rest to the supporting arms of the device.

Fig. 6 is a sectional view taken on line 6—6 of Fig. 5, illustrating the rocking feature of the head rest.

Fig. 7 is a perspective view illustrating an arm rest as a part of the chair attachment.

Referring to the drawing in detail, the device comprises supporting arms 5 which have their forward ends formed into hooks 6 adapted to hook around the front portion of a chair.

The arms also include sections 7 which have laterally extended portions 8 terminating in upwardly extended portions 9 to which the yoke or frame 10 is connected.

The yoke or frame 10 comprises outer bars 11 which are inclined towards the upwardly extended portions 9 of the supporting frame, the outer bars 11 being provided with threaded openings for the reception of the set screws 12 which contact with the arms 13 of the head rest proper, which arms are connected by the padded member 14 and are curved so that the portions 15 thereof contact with the upwardly extended

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portions 9 of the arms, as clearly shown by Fig. 6 of the drawing.

The arms 13 are curved forwardly so that they will fit over the upper edge of the back of the chair on which the head rest is mounted.

In order that an adjustment may be had between the sections of the supporting arms, rectangular sleeves 16 are provided as fitted around the adjacent ends of the sections of the supporting arms, there being provided set screws 17 passing through threaded openings in the sleeves and contacting with one of the sections of the supporting arms forcing the sections together and holding the sections of the supporting arms in their various positions of adjustment. Due to this construction, it will be obvious that the supporting arms may be adjusted with respect to each other to adapt the device for use in connection with chairs of various sizes.

As shown by Fig. 1 of the drawing, a sleeve 18 is provided at the rear of the supporting arms or frame and connects the sections of one of the supporting arms at the rear of the device, to the end that by adjusting the sections of the supporting arms, the device may be used on chairs of various widths.

It will of course be understood that set screws such as indicated at 17 in Fig. 3 of the drawing are used in connection with the sleeve 18 so that the sections of the supporting arms may be secured in their positions of adjustment for the lateral adjustment of these arms.

When it is desired to tilt the padded member 14 or head rest, it is only necessary to loosen the set screws 12 and rock the arms 13 on the upwardly extended portions 9 of the supporting arms. When the desired angle has been obtained, the set screws 12 are rotated to set up a binding action between the arms 13 and upwardly extended portions 9, holding the head rest proper in its positions of adjustment.

From the foregoing it will be obvious that I have provided a head rest which may be folded into a small and compact article for transportation, and one which can be readily applied to chairs of various sizes to supply the necessary head rest for the comfort of the user of the chair.

In Fig. 7 I have illustrated an arm rest indicated by the reference character 20 to which the brackets 21 are connected, the brackets having openings to receive the supporting arms 5 of the attachment.

The winged screws 22 extend through the brackets and engage the arm 5, securing the

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arm rest in various positions of adjustment along the arm 5 with which it is connected. These arm rests may be easily applied by removing the rectangular sleeves and sliding the arm rests over the arm 5 of the attachment.

Having thus described the invention, what is claimed is:

1. A portable head rest for attachment to furniture, comprising supporting arms, hooks at the forward ends of the arms adapted to clamp around furniture, said arms including upwardly extended rear portions arranged adjacent to each other, a yoke connecting the upwardly extended portions, said yoke comprising a frame embodying front bars, a head rest section including arms having curved portions extending into the yoke and resting on the parallel upwardly extended rear portions of the supporting arms whereby the said head rest section may rock within the yoke varying the angle of the head rest section with respect to the supporting arms, and a head engaging member connecting the arms of the head rest section.

2. A portable head rest for attachment to furniture, comprising supporting arms spaced apart and adapted to be clamped around furniture, a yoke connecting the arms, and embodying outer bars curved inwardly towards the arms of the supporting arms, a head rest section embodying spaced arms fitted within the yoke, said spaced arms of the head rest being curved with the curved portions thereof resting against the arms for rocking movement with respect thereto, set screws extending through the bars of the yoke and engaging the arms of the head rest section, securing the head rest section in its positions of

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adjustment, and a head engaging padded member connecting the arms of the head rest section.

3. A portable head rest for attachment to furniture, comprising a pair of supporting arms embodying sections adjustable longitudinally with respect to each other, a hook formed on one end of each section adapted to engage around the arm of furniture, said arms of the attachment including upwardly extended rear portions, a yoke secured to the arms, outer inclined bars forming a part of the yoke, said head rest including a pair of arms having curved portions held within the yoke, the curved portions resting on the upwardly extended portions of the first-mentioned arms for rocking movement thereon, and set screws extending through threaded openings of the yoke engaging the curved portions of certain of the arms of the head rest, securing the head rest in adjusted positions with respect to the supporting arms.

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REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
121,191	Winn	Dec. 12, 1871
1,744,364	Cruickshank	Jan. 21, 1930

FOREIGN PATENTS

Number	Country	Date
140,204	Germany	Apr. 9, 1903