

No. 858,600.

PATENTED JULY 2, 1907.

H. S. HOLM.

HEAD REST.

APPLICATION FILED OCT. 20, 1906.

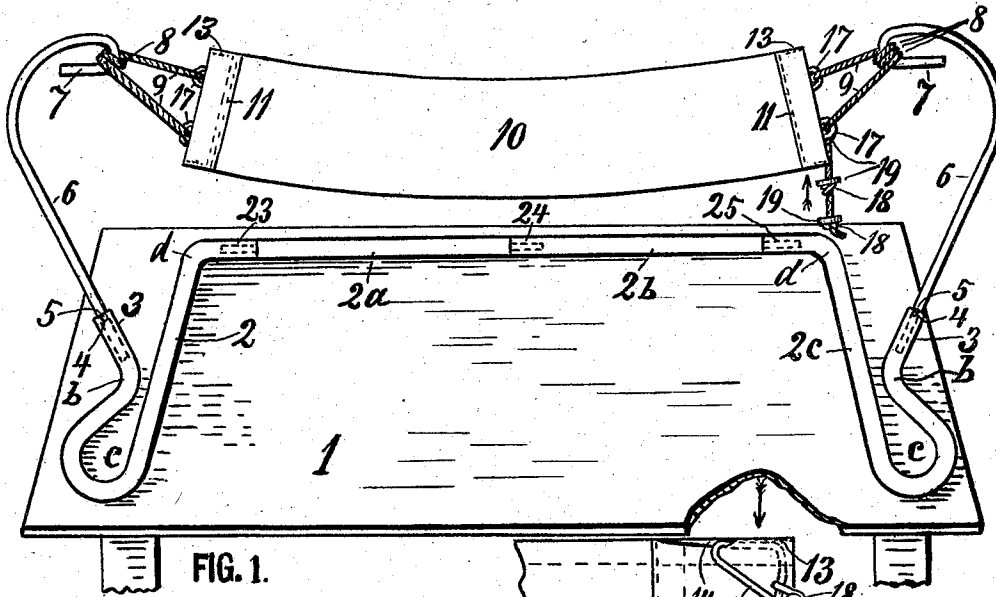


FIG. 1.

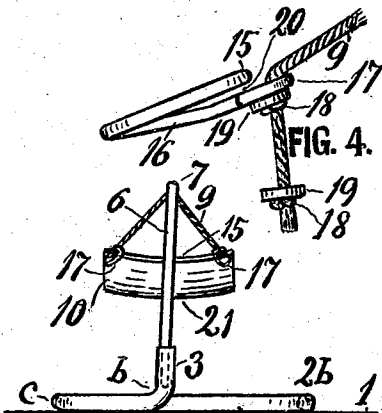


FIG. 2. 2c

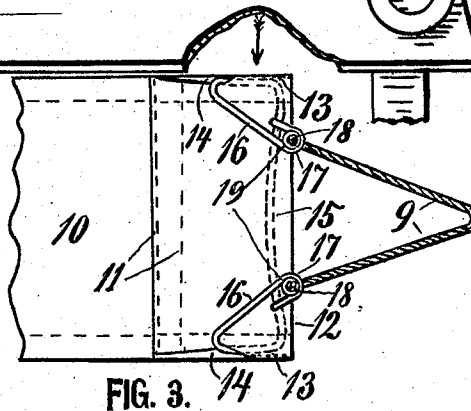


FIG. 3. 14 13

FIG. 4.

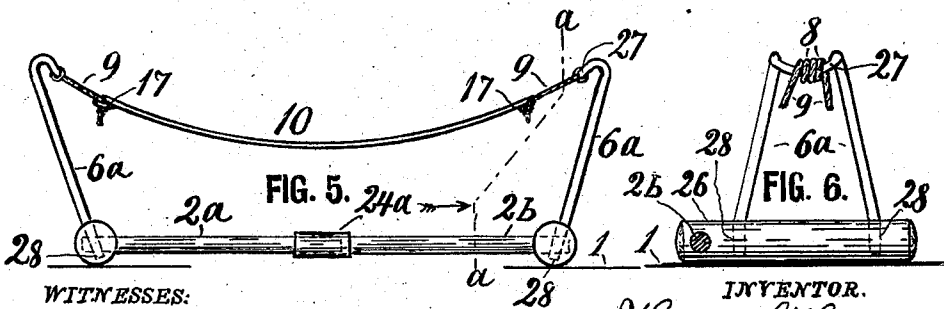


FIG. 5. 24a

FIG. 6.

WITNESSES:

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HEAD-REST.

No. 858,600.

Specification of Letters Patent.

Patented July 2, 1907.

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To all whom it may concern:

Be it known that I, HENRY S. HOLM, a citizen of the United States, residing at Fitchburg, in the county of Worcester and State of Massachusetts, 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 which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to head-rests of the class having a cloth for the head to rest on in such a manner that the air may circulate freely below the cloth and thus keep the temperature even all around the head; and the object is to provide a head-rest of said class which may easily be knocked down and carried in the pocket or a small satchel and be readily set up for use by excursionists, traveling men and others, on the ground or upon beds, couches, sofas &c., and which may have its cloth readily removed for washing and replaced again.

These and other objects, which are more fully pointed out in the below description and claims, I attain by the novel construction and arrangement of parts illustrated in the accompanying drawing, in which—

Figure 1 is a perspective front view of my improved head-rest supported by a table representing a bed or other resting place. Fig. 2 is a reduced right hand end elevation of the head rest in Fig. 1. Fig. 3 is a bottom view of one end of the cloth on which the head rests, and the hooks and cord by which it is suspended from the frame. Fig. 4 is an end view of one of the wires inserted in the ends of the head-cloth and a portion of the supporting cord, looking in the direction of the arrow in Figs. 1 & 3. Fig. 5 is a front elevation of the head-rest with the frame thereof modified. Fig. 6 is a sectional view on the line *a a* in Fig. 5.

Referring to the drawing by reference numerals, 1 designates a substantially flat surface or resting place upon which the head-rest is placed and which in Fig. 1 is represented by a table.

2, 2^a, 2^b are tubular sections of which a U-shaped frame is formed and serves as a base to rest upon the bed or like place. At the ends of this frame are provided sockets 3, turned upwardly and provided each with a notch 4, in which rests a pin 5 secured in the side of an upright 6, which is thereby both supported and guided to a certain position in the socket 3. The uprights lean outwardly in a bracing position and have their upper ends curved inwardly and then outwardly so as to form hooks 7, adapted to receive one or more loops 8 of a cord 9 whose ends are secured to the cloth 10 on which the head is to rest.

The peculiar manner in which the cloth is supported is as follows, it has each end folded inward upon it and

sewed strongly at 11, (see Fig. 3.) to form a fold or loop 12 whose open ends are partly closed by being sewed at 13, whereby the loop 12 becomes a pocket in the end of the head-cloth, with side openings 14. Inserted through said openings and lodged into said pocket is a U-shaped wire 15, whose ends or arms 16 project out of the openings and are turned toward the end of the cloth, preferably in converging direction until they cross the wire 15 and are then formed into open hooks 17, adapted to receive the cords 9, on which are at each end one or more knots 18 and a stiff leather washer 19 to stop against the hook.

As clearly shown in Fig. 4, the arms 16 do not rest against the wire 15 but an opening 20 is left for the cloth. And in Figs. 2 and 6 it will be seen that the wire or bar 15 is bulged in the middle away from the end of the cloth, whereby, when the cloth is stretched by the weight of the head, it assumes the longitudinally grooved form shown at 21 in Fig. 2, which form helps to retain the head on the cloth.

The main frame sections are inserted one into the other at 23, 24, 25, which joints, like the socket joints 3, as soon as the cloth and the cords are removed may in a moment be separated and the sections placed in a small space with the cloth about them.

In further describing the use of the device, it will be seen that by means of the several knots or other stops on the cords the height of the cloth may be quickly changed, as the cord slips sidewise out of and into the hooks, and for more exact adjustment the number of the loops or turns 8 are either increased or decreased. Said loops are also used to make the cloth easily adjustable to and held at any desired inclined or level position. It will further be seen that by slipping the cord sidewise out of the hooks, and the wire 15 out of one of the openings 14, the cloth is set entirely free, and has not even a button or button-hole to interfere with its washing and ironing.

In the modification shown in Figs. 5 and 6 all of the most important features are the same as above described; only the frame is modified so as to cost less in a cheaper grade of the article. This is done by using two wooden bars 26 instead of the bars 2 and 2^a in Fig. 1, while the bar 2^a—2^b, occupies the same position but may be of solid iron with a socket-joint 24^a in the middle. The uprights are also in the modification made each of a single wire; but in this instance the bearing 27 for the cord is formed at the middle of the wire, and both ends of the wire form legs 6^a, which are dropped into holes or socket 28 in the bars 26. The saving in making this form results from avoiding to make the curves *b*, *c*, *d*, of brass or other good tubing, the pins 5, notches 4, &c.; and the sockets are formed in wood very cheaply. In this form of the device one end of the cord is detached from its hook 17 while the number of coils 8 are being increased or decreased. In Fig. 1 such

detaching is not necessary as the loops can be passed over the end of hook 7.

Having thus described the invention, what I claim, and desire to secure by Letters Patent, is:—

- 5 1. A head-rest comprising a frame with two uprights having each a supporting member for a cord, a head-cloth having at two opposite edges or ends one or more open hooks, a cord taken with its middle portion around the supporting member and having its ends secured to the head-cloth, one or more of said ends being adapted to pass
10 sidewise in and out of the hook on the cloth and means in one or more places on the cord to prevent it from sliding through the hook.
2. A head-rest comprising a frame, a head-cloth provided in each end with a pocket, a U-shaped wire placed
15 in the pocket and having its ends bent into loops with arms crossing the wire in the pocket, and at the ends of the arms hooks, a cord secured to said hooks for suspending the cloth from the frame-work.
- 20 3. A head-rest comprising in combination, a frame and uprights thereon, a head-cloth having at each end a pocket with its bottom extending across and forming the end of the cloth, and its flap sewed to the cloth, said
25 pocket having two opposite side openings some distance from the bottom, a U-shaped wire in the pocket and ex-

tending with its arms out of the side openings, said arms being turned into loops and then crossing outside the pocket the wire inside the pocket, and being beyond the crossings formed into open hooks, a cord detachably secured in said hooks and secured to the upright of the frame, whereby
30 the cloth is made easily detachable from the said end-wire.

4. A head-rest comprising in combination, a frame and uprights thereon, a head-cloth having at each end a pocket with its bottom extending across and forming the end of the cloth, and its flap sewed to the cloth, said
35 pocket having two opposite side openings some distance from the bottom, a U-shaped wire in the pocket and extending with its arms out of the side openings, said arms being turned into loops and then crossing outside the pocket the wire inside the pocket, and being beyond the
40 crossings formed into open hooks, a cord detachably secured in said hooks and secured to the upright of the frame, whereby the cloth is made easily detachable from the said end-wire, said wire in the pocket extending from corner to corner of the pocket and having its middle
45 bulged downwardly for the purpose set forth.

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

HENRY S. HOLM.

Witnesses:

B. BERNSTONE,

HANS A. SVENLAND.