M. A. R. MAXCY.

HEAD AND ARM REST.

APPLICATION FILED JULY 10, 1917.

1,260,929. Patented Mar. 26, 1918.

Fig. 1.

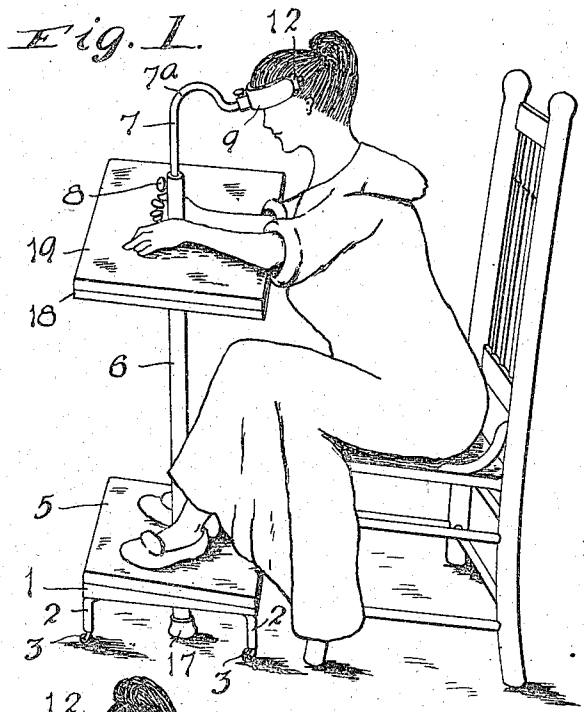


Fig. 2.

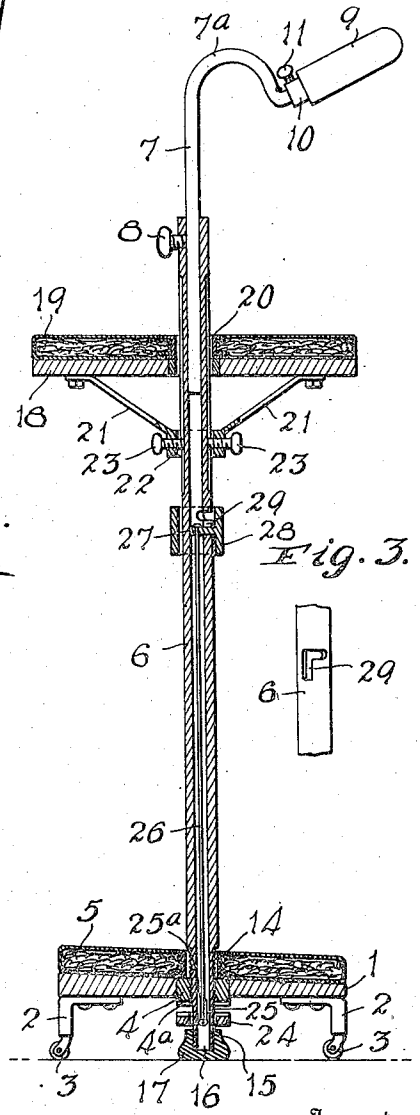


Fig. 3.

Fig. 5.

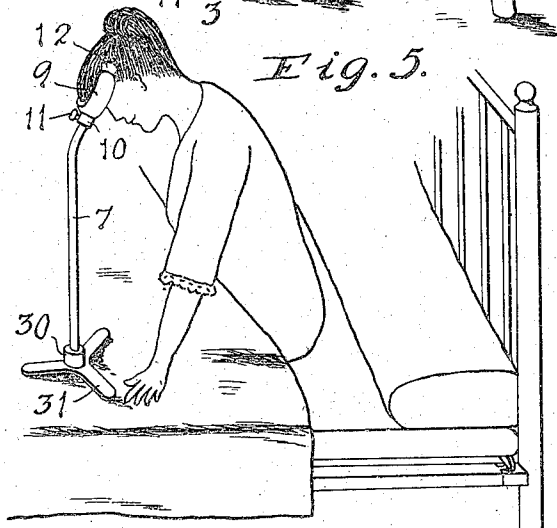
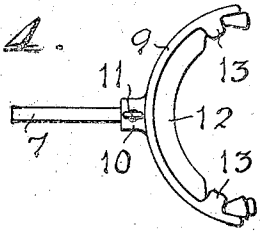


Fig. 4.



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HEAD AND ARM REST.

1,260,929. Specification of Letters Patent. Patented Mar. 26, 1918.

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To all whom it may concern:

Be it known that I, MIRIAM A. REED MAXCY, a citizen of the United States, residing at Yeso, in the county of De Baca, State of New Mexico, have invented a new and useful Head and Arm Rest; and I do hereby 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.

The present invention relates to a head and arm rest, and has for its object to provide a device of this character which embodies novel features of construction whereby it can be used to advantage in hospitals and sick rooms where it is desired to provide a head and arm rest for patients.

Further objects of the invention are to provide a device of this character which is comparatively simple and inexpensive in its construction, which can be easily and quickly adjusted to position the head and arm rests at the proper elevations to accommodate the patient in the most comfortable manner, which can be easily rolled from place to place, and which is held steadily in position when in use.

With these and other objects in view, the invention consists in certain novel combinations and arrangements of the parts as will more fully appear as the description proceeds, the novel features thereof being pointed out in the appended claims.

For a full understanding of the invention, reference is to be had to the following description and accompanying drawing, in which:—

Figure 1 is a perspective view of a head and arm rest constructed in accordance with the invention, showing the same in use.

Fig. 2 is a vertical sectional view through the head and arm rest.

Fig. 3 is a detail view of that portion of the tubular standard which is provided with a bayonet slot.

Fig. 4 is a detail view of the head rest.

Fig. 5 is a perspective view showing the head rest itself as detached from the stand and provided with a special base so as to be used upon a bed.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

Specifically describing the present embodiment of the invention, the numeral 1 designates the top of a stool which is provided with the legs 2, said legs having casters 3 fitted upon the ends thereof so that the stool can be easily moved from place to place. The top 1 of the stool is provided at substantially the center thereof with a threaded socket 4, and a foot pad 5 is arranged upon the top, the upper surface thereof being inclined toward one side thereof so as to support the feet in the most comfortable manner.

A tubular standard 6 projects upwardly from the stool 1 and has a rod 7 adjustably received within the upper end thereof. This rod is normally locked against movement by a set screw 8, and the upper end thereof is provided with a goose-neck curve 7^a, a head rest 9 being applied to the extremity of the rod. The goose-neck or laterally extended upper end 7^a of the rod serves to throw the head rest 9 to one side, said head rest being elongated and curved to fit the head, and being provided at its middle portion with a socket 10 which fits upon the extremity of the rod 7 and is secured in position thereon by a set screw 11. A suitable pad, such as a water bag 12, is applied to the head rest 9, being held removably in place thereon by means of positioning hooks or lugs 13 at the ends of the head rest.

The lower end of the standard 6 is threaded at 14 for engagement with the socket 4 of the stool, and provided with an extension 15 which projects downwardly from the stool and terminates in a head 16. A rubber cap 17 is preferably fitted upon this head. When it is desired to move the stool the standard 6 is screwed upwardly within the socket 4 to raise the head 16 above the surface of the floor, thereby enabling the stool to be easily moved upon the casters 3. When the device has been properly positioned for use, the standard 6 is screwed downwardly within the socket 4 to bring the rubber cap 17 of the foot 16 into engagement with the floor, the said rubber cap then binding frictionally upon the floor so as to hold the stool against movement and retain the device in a steady position.

An arm supporting shelf 18 is adjustably mounted upon the upper end of the standard 6, preferably having a pad 19 applied to the top thereof. The standard 6 passes through a central opening in the shelf 18, a guide sleeve 20 being preferably fitted in the said opening for slidably engaging the

standard. Braces 21 connect the lower face of the shelf 18 to a collar 22 which is arranged below the shelf and is slidable upon the standard. A set screw 23 may be applied to the collar 22 for locking the arm supporting shelf in an adjusted position. With this construction it will be obvious that both the head rest 9 and the arm supporting shelf 18 can be raised and lowered and set at the proper elevation for accommodating the patient with the greatest comfort.

Means is preferably provided for locking the standard 6 against accidental rotation in the threaded sleeve 4 of the stool when the device is in use. For this purpose the lower end of the sleeve may be provided with a clutch face 4^a for coöperation with a clutch collar 24 surrounding the extension 15 of the standard and connected by a cross head 25 to a plunger 26 which extends upwardly through the tubular standard. The cross head 25 operates within slots 25^a formed in the sides of the standard so that the clutch collar 24 and can be moved into and out of operative position by manipulating the plunger 26. The upper end of the plunger 26 has a swivel connection with an arm 27 projecting from a sleeve 28 which is rotatable upon the exterior of the standard 6, said arm being received within a cam slot 29 in the standard. When this sleeve 28 is rotated in one direction the arm 27 will coöperate with the cam slot 29 to lift the clutch collar 24 upwardly into an operative engagement with the lower end 4^a of the sleeve 4, while when the collar 28 is operated in the opposite direction this clutch connection will be broken. The standard 6 can thus be securely locked against accidental rotation within the threaded sleeve 4 when the device is in use, and this clutch locking means can be easily manipulated without inconvenience or stooping. The lower extremity of the rod 7 may be threaded so that the rod can be withdrawn from the standard and screwed into the socket 30 of a foot 31, thereby enabling the head rest to be used in bed, independently of the standard, in the form shown by Fig. 5.

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

1. A head and arm rest including a stool supported on casters and provided with a threaded socket, an upright standard projecting from the stool and provided with a threaded portion which is received within the socket, the lower end of the standard terminating in a foot adapted to be screwed into and out of a binding engagement with the floor, locking means for holding the standard against rotation within the socket, an arm rest carried by the standard, a rod projecting upwardly above the standard, and a head rest fitted upon the rod.

2. A head and arm rest including a stool supported on casters and provided with a threaded socket, an upright standard projecting from the stool and formed with a threaded portion which is received within the socket, the lower end of the standard terminating in a foot adapted to be screwed into and out of a binding engagement with the floor, a clutch collar slidable upon the lower end of the standard and adapted to be moved into and out of engagement with the threaded end of the socket for locking the standard against rotation within the socket or releasing the standard, a sleeve mounted upon an upper portion of the standard and operatively connected to the clutch collar for manipulating the same, an arm rest upon the standard, a rod projecting upwardly above the standard, and a head rest fitted upon the rod.

3. A head and arm rest including a stool mounted on casters and provided with a threaded socket, an upright tubular standard projecting from the stool and provided with a threaded portion received within the socket of the stool, the lower end of the standard terminating in a foot adapted to be screwed into or out of a binding engagement with the floor, and an upper portion of the standard being provided with a bayonet slot, a clutch collar mounted upon the lower end of the standard and arranged to be moved into and out of engagement with the threaded socket to lock the standard against rotation within the socket or release the standard, a rod extending upwardly through the tubular standard and operatively connected at its lower end to the clutch collar, a sleeve loose upon an upper portion of the tubular standard and formed with an inwardly extending arm which projects through the bayonet slot of the standard and loosely engages the upper end of the rod, said sleeve providing a means for manipulating the clutch collar and the arm thereof being adapted to be rotated into the lateral portion of the bayonet slot to lock the clutch collar in operative position, an arm rest upon an upper portion of the standard, a rod extending upwardly above the standard, and a head rest fitted upon the extremity of the rod.

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

MIRIAM A. REED MAXCY.

Witnesses:

REMSEN VICE,

C. L. MAXCY.