Sept. 20, 1960 R. J. ZUTI 2,952,855

FOOT REST FOR HOSPITAL BEDS

Filed May 6, 1959

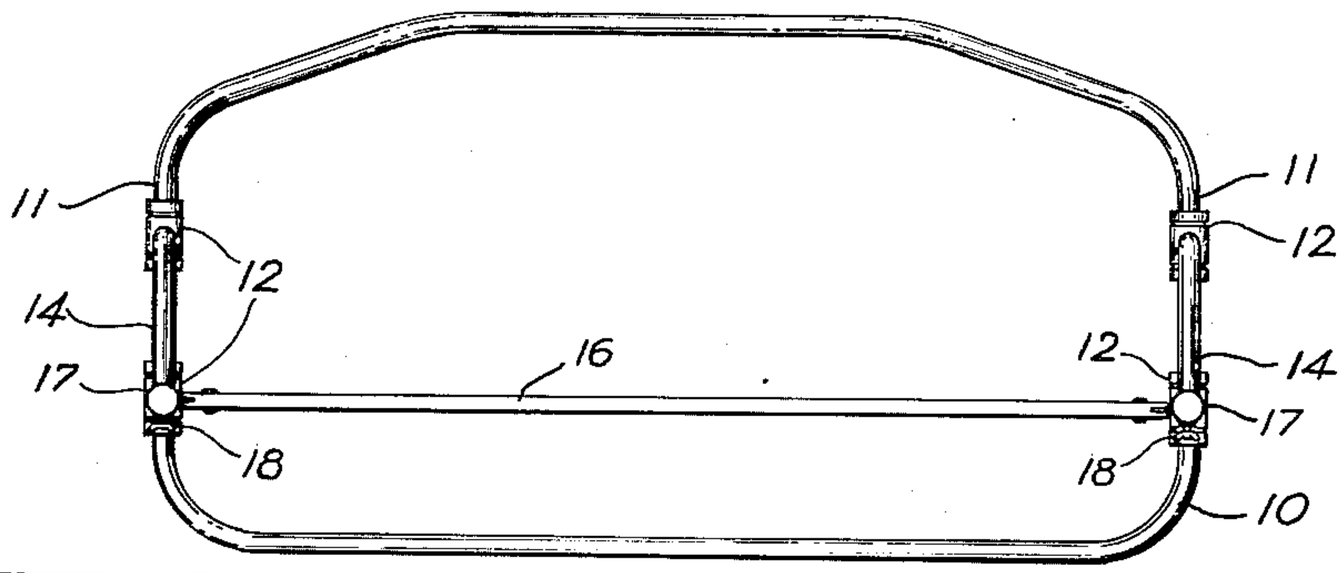
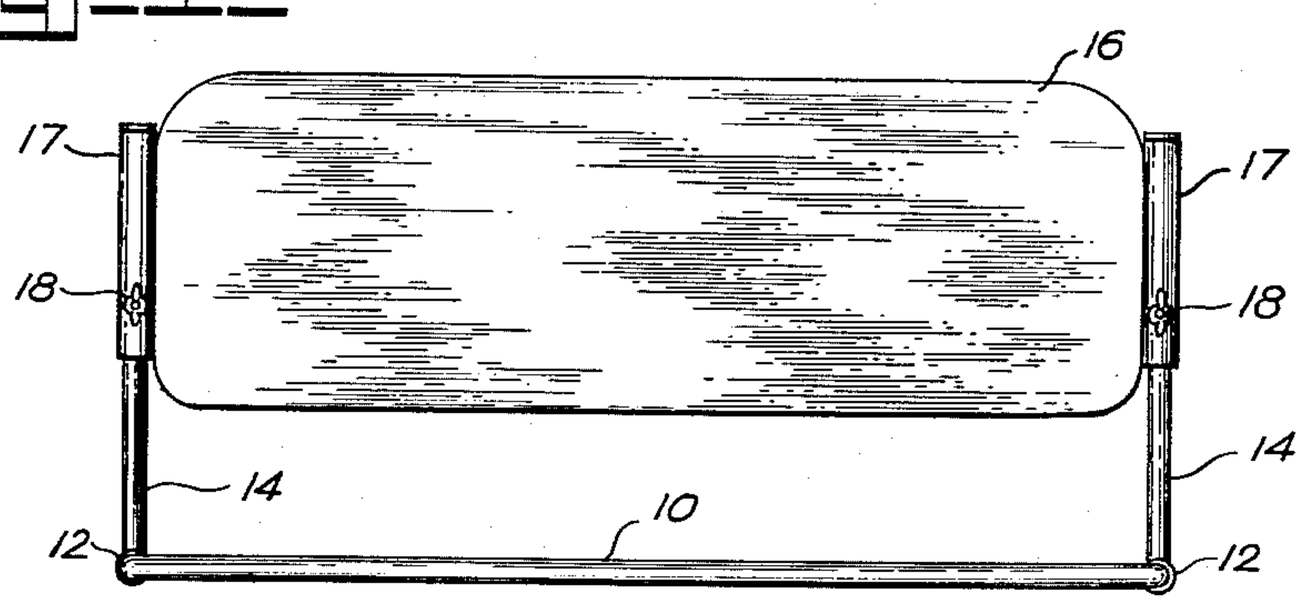



FIG. 1



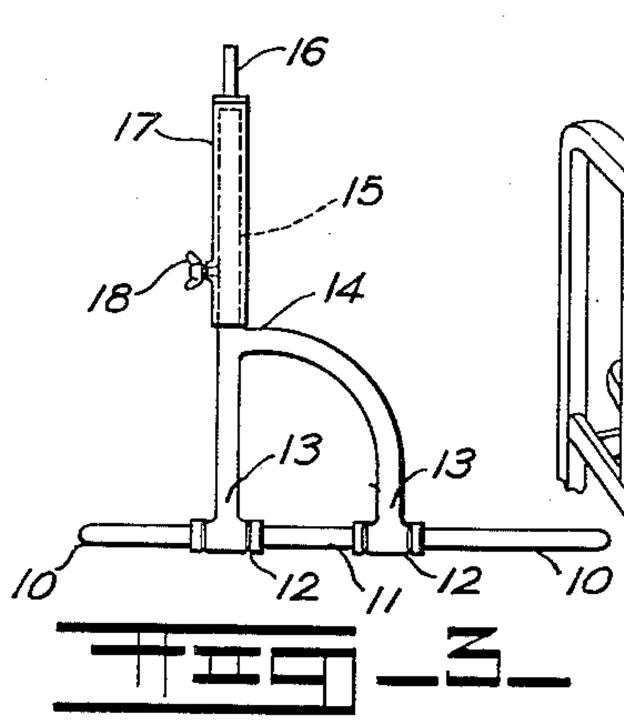




FIG. 3

FIG. 2

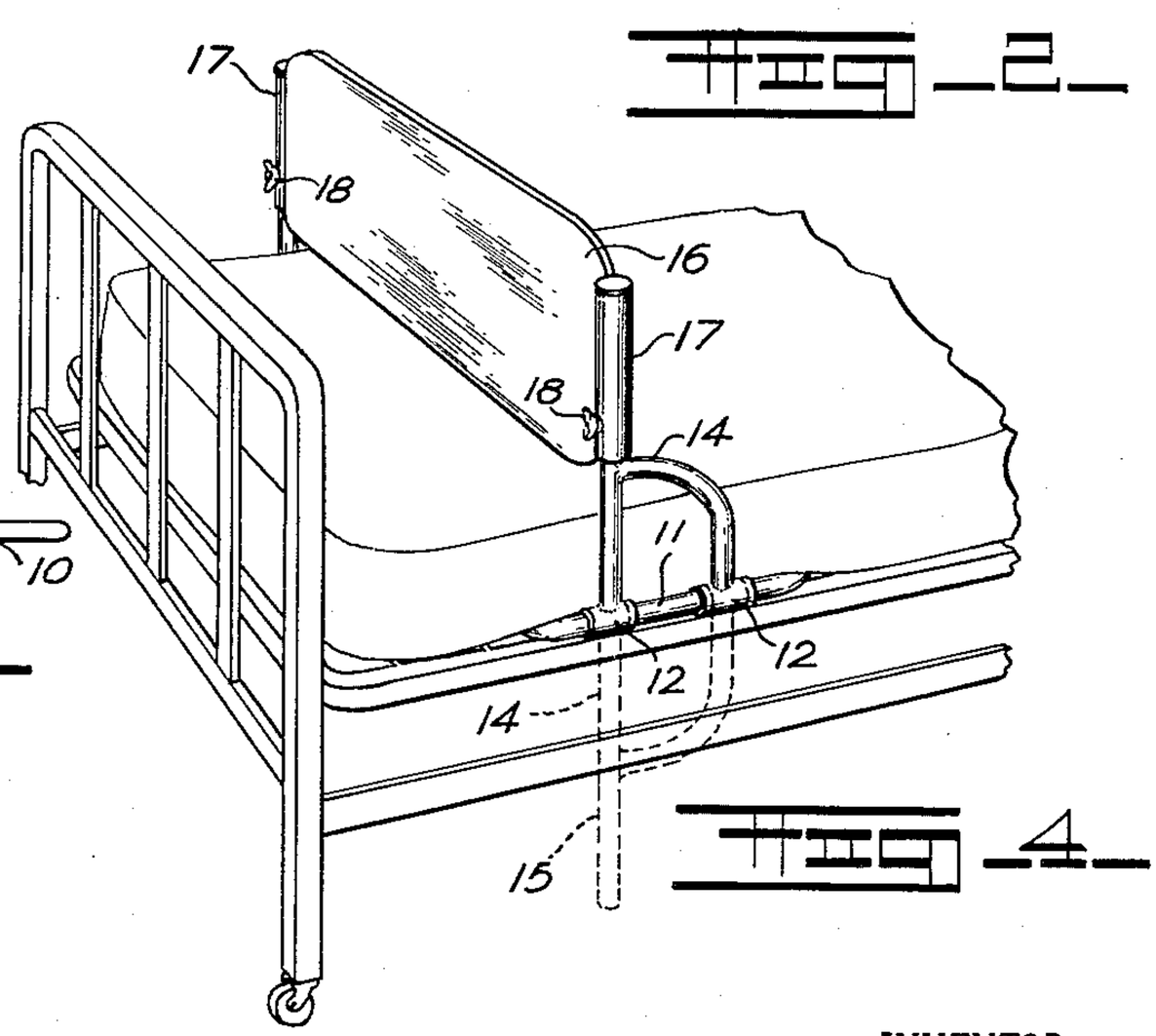



FIG. 4

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# FOOT REST FOR HOSPITAL BEDS

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4 Claims. (Cl. 5—317)

This invention relates to a foot rest and more particularly to a foot rest that may be installed on a hospital bed so that a person on the bed may rest his feet thereagainst.

The principal object of the invention is the provision of a simple easily installed foot rest for a bed.

A further object of the invention is the provision of a foot rest that is held in position by the mattress on the bed and may be moved longitudinally of the bed as desired.

A still further object of the invention is the provision of a foot rest for a hospital bed which is positioned on the mattress supporting springs and extends thereabove and does not interfere with the tilting or folding action of the hospital bed.

A still further object of the invention is the provision of a foot rest for a bed which may be simply and easily adjusted and removed or replaced to facilitate changing the bed.

The foot rest shown and described herein comprises an improvement in foot rests, supports, and the like which are frequently used on hospital beds to provide a structure against which the patient may exercise his feet. The device also is useful in holding the covers in elevated relation to a patient's feet, as is sometimes necessary. It has heretofore been customary to use various wooden devices, sand bags, and the like as make-shift foot rests and several proposals have been made for clamping foot rests to the side rails of the hospital beds. Such devices as heretofore known in the art interfere with the normal tilting and folding action of the hospital beds as frequently necessary in properly positioning patients thereon.

The present invention provides a foot rest and a separate supporting frame therefor. The frame is positioned on the bed springs beneath the mattress and is held in place thereby. Side portions of the frame are hingedly mounted so that they may be swung downwardly to permit complete freedom in changing the bed and when moved upwardly they receive and properly position a transverse vertical panel forming the actual foot rest.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being the intention to cover all changes and modifications of the example of the invention herein chosen for purposes of the disclosure, which do not constitute departures from the spirit and scope of the invention.

The invention is illustrated in the accompanying drawing, wherein:

Figure 1 is a top plan view of the foot rest.



Figure 2 is a front view of the foot rest.

Figure 3 is a side view of the foot rest.

Figure 4 is a perspective view of a portion of a hospital bed showing the foot rest installed thereon.

By referring to the drawings and Figures 1, 2 and 3 in particular it will be seen that the foot rest comprises a substantially rectangular frame **10** which is of a length corresponding with the width of a hospital bed and of a width approximately half its own length. The frame **10** has oppositely disposed parallel side sections **11** and each of the side sections **11** forms a support for a pair of tubular members **12** which are rotatably positioned thereon. Each pair of the tubular members **12**, which are best illustrated in Figure 3 of the drawings, supports the ends **13** of a bifurcated member **14**, and each bifurcated member **14** includes a straight section **15** which is usually vertically disposed either above or below the frame section **11** as shown in solid and broken lines respectively in Figure 4 of the drawings.

When the bifurcated members **14** are in upstanding position, as seen in solid lines in the several views, they form spaced parallel vertical supports for receiving and holding a transverse vertical panel **16** which is provided with sleeves **17** on its opposite ends. The transverse vertical panel **16** is positioned at right angles to the horizontal surface of the mattress on the bed and thereabove, so that a patient's feet can be positioned thereagainst. A pair of bolts **18** are threadably engaged in openings in the sides of the sleeves **17** and act as clamps engaging the straight sections **15** of the respective bifurcated members **14**. Thus, as shown in Figures 1 through 4 of the drawings in solid lines, the transverse panel **16** is carried by the bifurcated brackets and the same are in turn carried by the horizontally disposed frame **10** which rests on the bed springs and beneath the mattress thereon. The device is thus held securely by the mattress while at the same time being readily movable relative thereto. At such time as the linen on the bed is changed the bolts **18** may be loosened and the transverse panel **16** lifted to free it from its engagement with the portions **15** of the bifurcated members **14** whereupon the same may be swung to lower position, as shown in broken lines in Figure 4 of the drawings. The device is thus completely free of the mattress so that the bed may be changed without interference therefrom.

It will thus be seen that a foot rest for beds has been disclosed which meets the several objects of the invention, and having thus described my invention, what I claim is:

1. A foot rest for a bed having bed springs and a mattress thereon and comprising a horizontally disposed frame having spaced side and end members and adapted to be positioned on said springs beneath said mattress, brackets pivotally attached to said end members of said frame, said brackets including sections extending above the mattress when moved to vertical position, a transverse panel having fixtures on the opposite ends thereof for engaging said vertical sections of said brackets, said transverse panel forming a vertically disposed foot rest transversely above said mattress.

2. The foot rest for a bed as set forth in claim 1 and wherein said horizontally disposed frame is substantially rectangular in shape.

3. The foot rest for a bed set forth in claim 1 and wherein the said horizontally disposed frame is substantially rectangular and wherein said end members of said

frame are parallel and wherein said brackets are hingedly affixed to said parallel end members of said frame.

4. A foot rest for a bed having a bed springs and a mattress thereon and comprising a frame adapted to be positioned on said springs, oppositely disposed portions of said frame extending beyond the sides of said mattress and lying parallel thereto, tubular members rotatably positioned on said oppositely disposed portions of said frame, bifurcated brackets mounted on said tubular members and having portions extending above said mattress, a transversely extending vertical panel having secondary



tubular means on the ends thereof engaged on said portions of said bifurcated brackets, said transverse panel forming a vertical disposed foot rest transversely of and above said mattress.

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## Notice of Adverse Decision in Interference

In Interference No. 91,736 involving Patent No. 2,952,855, R. J. Zuti, Foot rest for hospital beds, final judgment adverse to the patentee was rendered June 15, 1962, as to claims 1, 2, and 3.

[*Official Gazette August 7, 1962.*]

## Disclaimer

2,952,855.—*Rudolph J. Zuti*, Youngstown, Ohio. Foot Rest for Hospital Beds. Patent dated Sept. 20, 1960. Disclaimer filed Sept. 11, 1962, by the inventor.

Hereby enters this disclaimer to claims 1, 2 and 3 of said patent.

[*Official Gazette October 16, 1962.*]