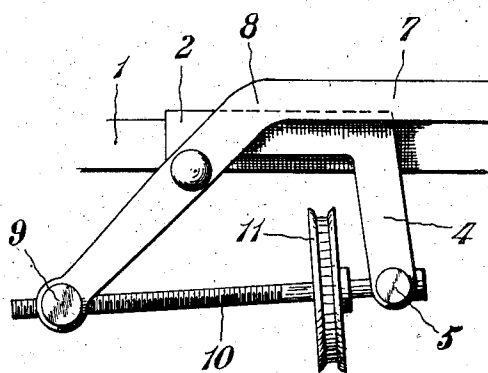
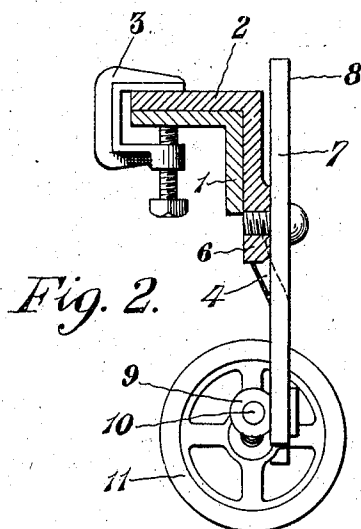
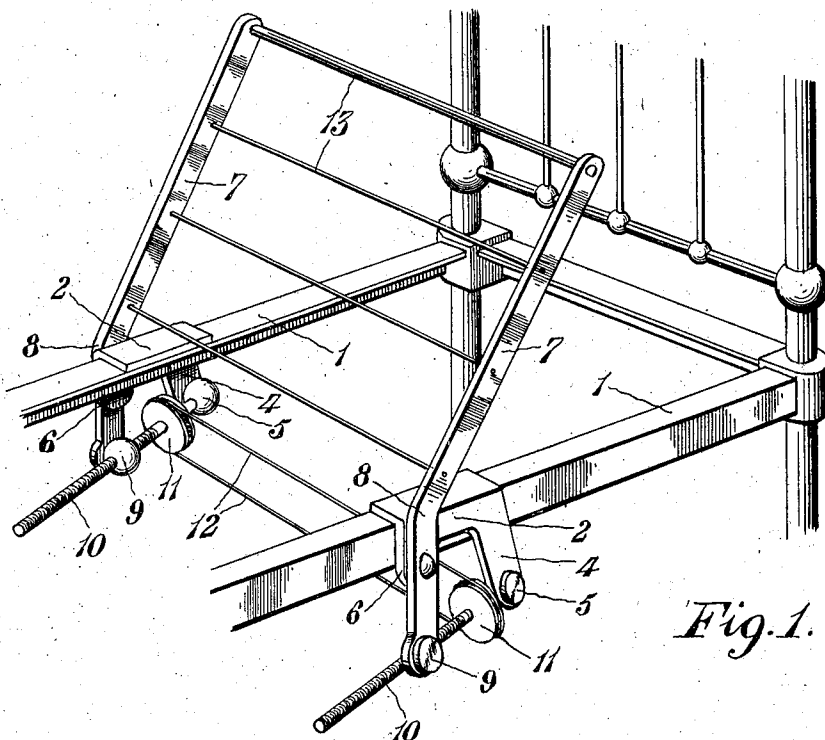


No. 839,237.

PATENTED DEC. 25, 1906.

J. S. VISGER.
HEAD REST FOR BEDS.
APPLICATION FILED OCT. 4, 1906.



Witnesses.

Stuart M. Allen
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UNITED STATES PATENT OFFICE.

JOSEPH S. VISGER, OF MONTREAL, QUEBEC, CANADA.

HEAD-REST FOR BEDS.

No. 839,237.

Specification of Letters Patent.

Patented Dec. 25, 1906.

Application filed October 4, 1906. Serial No. 337,352.

To all whom it may concern:

Be it known that I, JOSEPH S. VISGER, of the city of Montreal, in the Province of Quebec and Dominion of Canada, have invented certain new and useful Improvements in Head-Rests for Beds, of which the following is a full, clear, and exact description.

My invention relates to improvements in head-rests for beds; and its object is to provide a simple and inexpensive head-rest which may be adjusted to suit the convenience of the occupant of the bed.

A further object is to provide a head-rest having its adjusting means out of the reach of the patient, thereby adapting it for hospital use.

To accomplish these objects, I provide a pair of brackets adapted to be clamped or otherwise secured to the side rails of a bed. The side bars of the head-rest are pivoted to these brackets and provided on their lower ends with pivoted blocks, which are adapted to coact with a pair of threaded rods revolubly mounted in pivoted thrust-blocks attached to the brackets. Each of the threaded rods carries a grooved wheel, said wheels being connected by a tight chain or belt.

In the drawings which illustrate my invention, Figure 1 is a perspective view of the device attached to a bed and shows the head-rest partially elevated. Fig. 2 is an end elevation of the device. Fig. 3 is a side elevation similar to Fig. 2.

In the above-defined figures, 1 designates the side rails of a bed, and 2 the brackets, which may be attached by clamps 3 or other suitable means. Each bracket is provided with a downwardly and rearwardly extending integral arm 4, which carries a pivoted thrust-block 5, and a short arm 6, to which one of the side members 7 of the head-rest is pivoted. The lower ends of the members 7 are bent slightly at 8 and the extremities provided with pivoted blocks 9, adapted to coact with the threaded rods 10. The rods 10 are revolubly mounted in the thrust-blocks 5 and are each provided adjacent the thrust-blocks with a rigidly-mounted grooved pulley 11. A cord or belt 12 passes tightly over the pulleys 11. Any suitable means connecting the members 7, such as the bars 13, may be used to support the mattress.

The operation of the device consists in pulling on the cord 12, which rotates the threaded rods 10 by means of the pulleys 11. The pivoted blocks 9 move along the rods 10 and

raise or lower the head-rest, the upward or downward movement depending on the direction in which the cord is pulled.

The advantages of this device are numerous. The head-rest is particularly adapted for hospital use, since the adjusting means is located under the bed out of the reach of a patient. A further advantage is that both sides of the head-rest are always at the same degree of elevation and always positively locked there, thus preventing twisting or sagging of one side. A still further advantage is that the parts are few and simple in construction and that no springs are employed, thus minimizing the liability of breakage.

Having thus described my invention so that the same may be readily understood by those skilled in the art to which it appertains, what I claim, and desire to secure by Letters Patent, is—

1. In a head-rest for beds, a pair of brackets fixed to the side rails of the bed, a pair of side members pivoted to said brackets, thrust-blocks pivoted to said brackets, pivoted blocks on the lower extremities of said side members, and threaded rods revolubly mounted in said thrust-blocks and coacting with said pivoted blocks.

2. In a device of the class described, the combination with the side rails of a bed of a pair of brackets fixed thereto, a pair of side members pivoted to said brackets, pivoted thrust-blocks on said brackets, pivoted blocks on the lower extremities of said side members, threaded rods revolubly mounted in said thrust-blocks and coacting with said pivoted blocks, and pulleys mounted on said rods.

3. In a device of the class described, the combination with the side rails of a bed of a pair of brackets fixed thereto, a pair of side members pivoted to said brackets, a plurality of transverse members connecting said side members, thrust-blocks pivoted to said brackets, pivoted blocks on the lower extremities of said side members, threaded rods revolubly mounted in said thrust-blocks and coacting with said pivoted blocks, pulleys fixed to said rods adjacent the thrust-blocks, and an endless belt connecting said pulleys.

In witness whereof I have hereunto set my hand in the presence of two witnesses.

JOSEPH S. VISGER.

Witnesses:

C. W. TAYLOR,

STUART R. W. ALLEN.