L. KROUPA.

BED.

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1,329,612.

Patented Feb. 3, 1920.

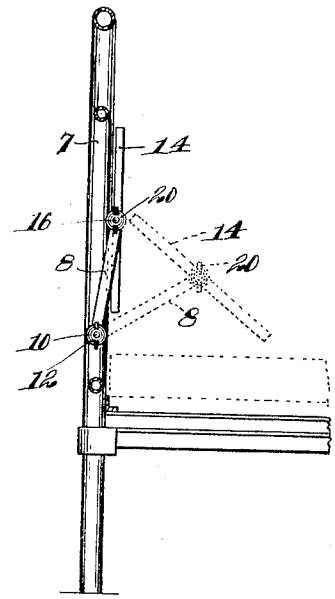


Fig. 1.

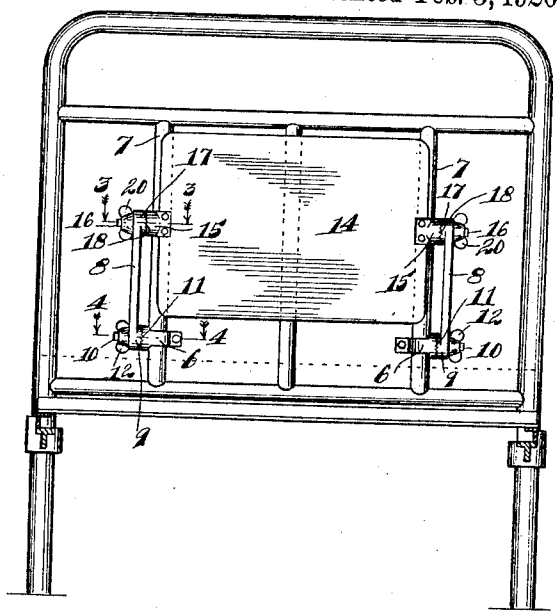


Fig. 2.

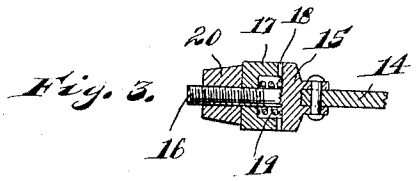


Fig. 3.

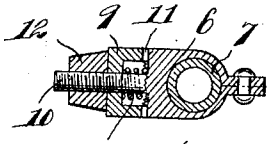


Fig. 4.

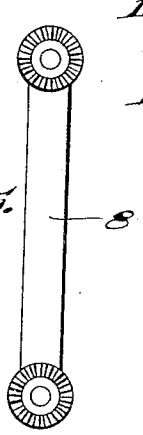


Fig. 5.

Witnesses:

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UNITED STATES PATENT OFFICE.

LILLIAN KROUPA, OF CHICAGO, ILLINOIS.

BED.

1,329,612. Specification of Letters Patent. Patented Feb. 3, 1920.

Application filed June 19, 1917. Serial No. 175,575.

To all whom it may concern:

Be it known that I, LILLIAN KROUPA, a citizen of the United States, and a resident of the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Beds, of which the following is a specification.

My invention relates to improvements in beds and more particularly to beds for hospitals, the object of the invention being to provide a convenient and efficient support for a bed adapted to support the head or upper portion of the body of a patient in different positions.

The invention consists in the combinations and arrangements of parts hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawings forming a part of this specification, and in which,

Figure 1 is a longitudinal section taken through the head portion of a bed embodying my invention,

Fig. 2, a transverse section of the bed,

Fig. 3, an enlarged section taken on line 3—3 of Fig. 2,

Fig. 4, an enlarged section taken on line 4—4 of Fig. 2, and

Fig. 5, a detail view of one of two swinging arms employed in the construction.

The preferred form of construction, as illustrated in the drawings, comprises two clamps 6 arranged to be adjustably secured to the uprights 7 in the head of the bed. Swinging arms 8 are arranged on clamps 6, said arms being provided with hollow hubs 9 pivoted on threaded studs 10 on the clamps 6. The hubs 9 and the clamps 6 are provided with interlocking teeth 11 and each of the studs 10 is provided with a wing nut 12, springs 13 being imprisoned in the hubs 9 as shown. By this arrangement the arms 8 may be readily adjusted to any desired angular position with relation to the bed, or folded upwardly against the head of the bed as indicated.

A support 14 of any desired form or construction, is adjustably secured between the swinging ends of the arms 8. The support 14 is provided centrally on opposite sides with brackets 15 carrying threaded studs 16 constituting pivotal supports for hollow hubs 17 formed at the outer ends of the arms 8. Interlocking teeth 18 are provided on hubs 17 and brackets 15 and springs 19 are arranged in the hubs 17. Wing nuts 20 serve to lock the support 14 in any desired adjusted positions between the arms 8. By this arrangement, the support 14 may be readily adjusted to any desired position to support the head or upper portion of the body of a patient in the bed, or folded upwardly against the head of the bed as indicated.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variation and modification without departing from the spirit of the invention. I, therefore, do not wish to be limited to the precise details of construction set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claim.

Having described my invention what I claim as new and desire to secure by Letters Patent is:

The combination with the head of a bed having uprights therein, of clamping elements slidably mounted thereon, means for securing the same in adjusted position thereon, a pair of arms pivotally mounted at one end to said clamps, means independent of the first said securing means for securing the arms in different positions of angular adjustment, a support pivotally mounted between the free ends of said arms, and means for securing said support at different positions of angular adjustment, substantially as described.

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

LILLIAN KROUPA.

Witnesses:

JOSHUA R. H. POTTS,

B. G. RICHARDS.