C. W. THORNILEY.

TABLE ATTACHMENT FOR BEDS.

APPLICATION FILED AUG. 3, 1914.

1,173,227. Patented Feb. 29, 1916.

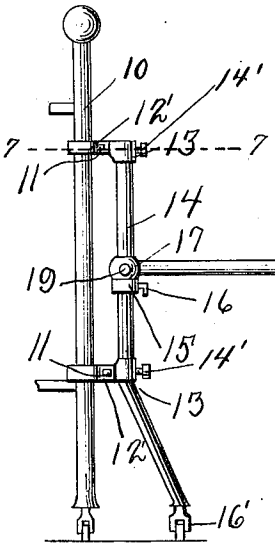


FIG. 1.

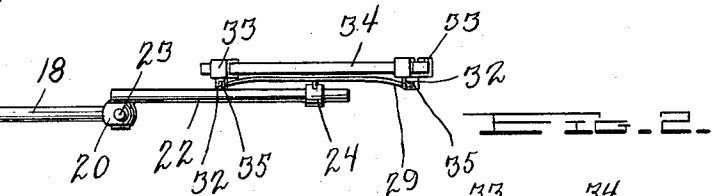


FIG. 2.

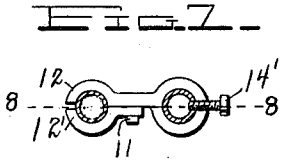


FIG. 7.

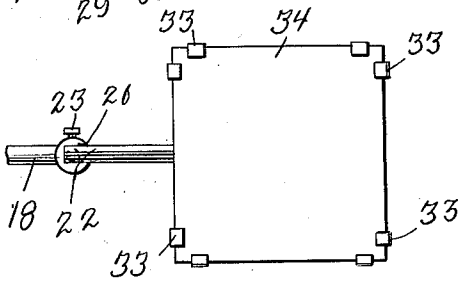


FIG. 3.

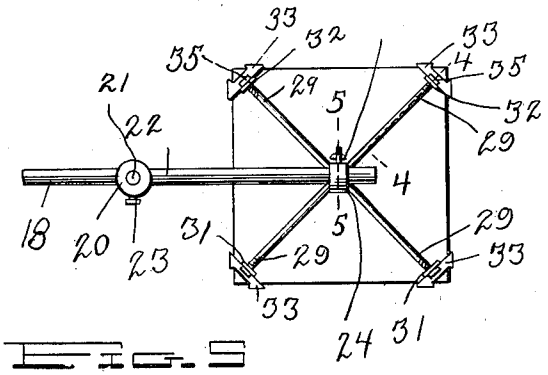


FIG. 5.

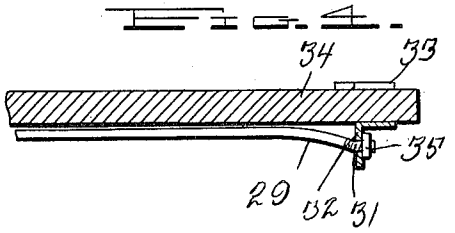
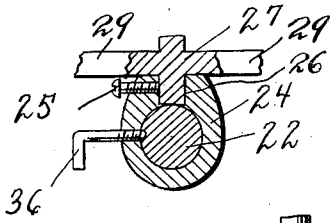


FIG. 4.



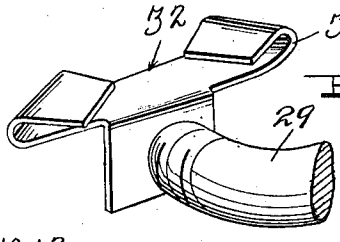


FIG. 6.

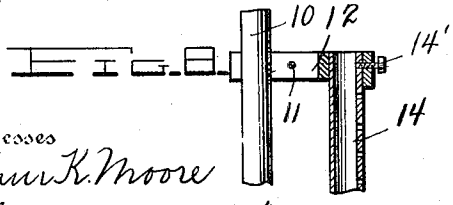


FIG. 8.

Witnesses

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TABLE ATTACHMENT FOR BEDS.

1,173,227. Specification of Letters Patent. Patented Feb. 29, 1916.

Application filed August 3, 1914. Serial No. 854,856.

To all whom it may concern:

Be it known that I, CLARENCE W. THORNILEY, a citizen of the United States, residing at Electra, in the county of Wichita, State of Texas, have invented certain new and useful Improvements in Table Attachments for Beds; 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.

This invention relates to table attachments for beds and is particularly designed as an improvement on the attachment covered by United States Patent No. 1,096,327 granted to me May 12, 1914.

The object of the invention resides in the provision of an attachment of the character named in which the table element can be adjusted with ease and facility in various ways.

With the above and other objects in view the invention consists in the details of construction and in the arrangement and combination of parts to be hereinafter more fully described and particularly pointed out in the appended claim.

In describing the invention in detail reference will be had to the accompanying drawings wherein like characters of reference denote corresponding parts in the several views, and in which—

Figure 1 is a side elevation of a table attachment for beds constructed in accordance with the invention; Fig. 2, a plan view of a fragment of what is shown in Fig. 1; Fig. 3, a bottom view of what is shown in Fig. 2; Fig. 4, a section on the line 4—4 of Fig. 3; Fig. 5, a section on the line 5—5 of Fig. 3, and Fig. 6, a perspective view of the outer section of one of the arms of the casting which supports the table slab. Fig. 7 is a section on the line 7—7 of Fig. 1. Fig. 8 is a section on the line 8—8 of Fig. 7.

Referring to the drawings, 10 indicates the bed post to which is attached the present invention, comprising a tube 14 perforated at intervals of its length, which perforations are designed to interchangeably receive set screws 14′ that are engaged in sleeves 13 disposed over the ends of the tube 14. When the set screws are loosened the sleeves may be adjusted the length of the tube 14 and when the set screws are tightened the sleeves are held positively against rotation with respect thereto.

Extending from each of the sleeves 13 is a jaw 12 which in connection with a second jaw 12′ is designed to engage about the post 10 of the bedstead, the jaw 12′ in each instance being connected to the base portion of the jaw 12 through the medium of a screw 11 so that the jaws may be clamped onto the bed post.

Slidably and rotatably mounted on the rod 14 is a sleeve 15 which is adapted to be held against rotation and sliding movement by a binding screw 16 mounted in said sleeve and adapted to impinge against the rod 14. Rotatably mounted on the rod 14 above the sleeve 15 is a sleeve 17 which has formed integral therewith a lateral arm 18. The sleeve 17 carries a binding screw 19 whereby same may be locked against rotation on the rod 14 to secure the arm 18 in a desired adjustment. The end of the arm 18 remote from the rod 14 is provided with a head 20 in which is formed a socket for receiving a lateral projection 21 on one end of an arm 22. A set screw 23 is carried by the head 20 for engaging the lateral projections 21 so as to hold the arm 22 against swinging movement.

Slidably and rotatably mounted upon the arm 22 is a sleeve 24 in which is disposed a set screw 36 adapted to impinge against the arm 22 to hold the sleeve 24 against sliding and rotative movement on the rod 22. The sleeve 24 is provided with a recess 26 in which is rotatably mounted a casting 27 having a plurality of radial arms 29. The outer end of each arm is offset and threaded as at 31 and engaged on each threaded outer end 31 is an L-shaped member 32 one arm of which is extended laterally on each side and has each lateral extension bent inwardly to form sockets 33 for receiving the corner portions of a table slab 34. Engaged on each threaded portion 31 is a nut 35 through the instrumentality of which the member 32 is clamped to the arm 29. Mounted in the sleeve 24 is a set screw 25 adapted to impinge against the portion of the casting 27 which is disposed in the recess 26 and whereby said casting is held against rotation when desired.

What is claimed is:—

In a table attachment for beds the combination of a pivoted rod adapted for swinging movement in a horizontal plane, means for locking said rod against swinging movement, a sleeve slidably and rotata-

bly adjustable on the rod, a casting rotatably adjustable on the sleeve, arms radiating from said casting, each of said arms having their outer ends offset, L-shaped members engaged on the offset ends of the arms respectively, lateral extensions on one arm of each L-shaped member, said extensions being bent inwardly to form sockets, a table slab having its corners engaged in said sockets, and means for locking the L-shaped members against disengagement from the arm.

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

CLARENCE W. THORNILEY.

Witnesses:

H. O. CHAPMAN,

C. V. HARRIS.