G. A. GAMLIN.

ATTACHMENT FOR BEDS.

APPLICATION FILED MAY 3, 1918.

1,329,395. Patented Feb. 3, 1920.

Fig. 1.

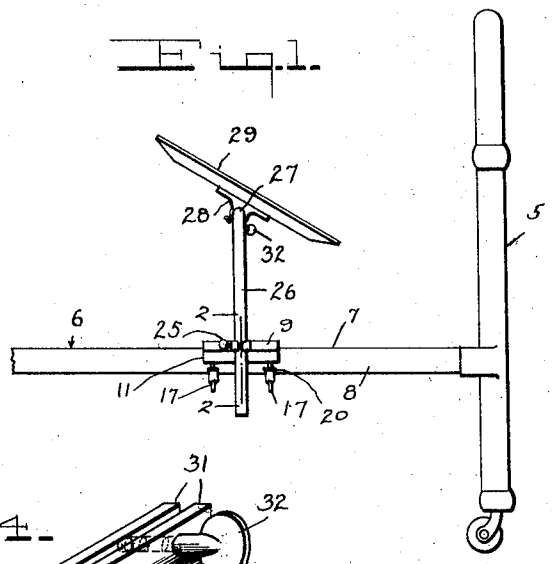


Fig. 4.

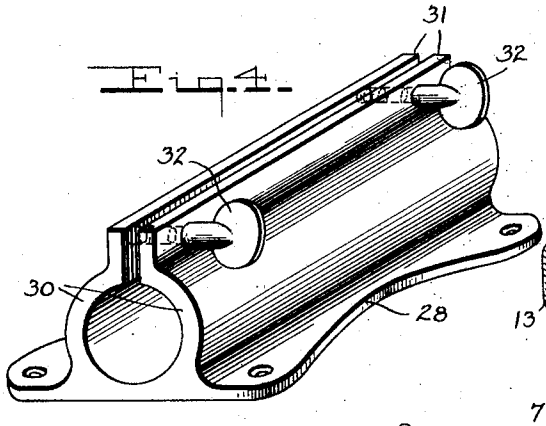


Fig. 2.

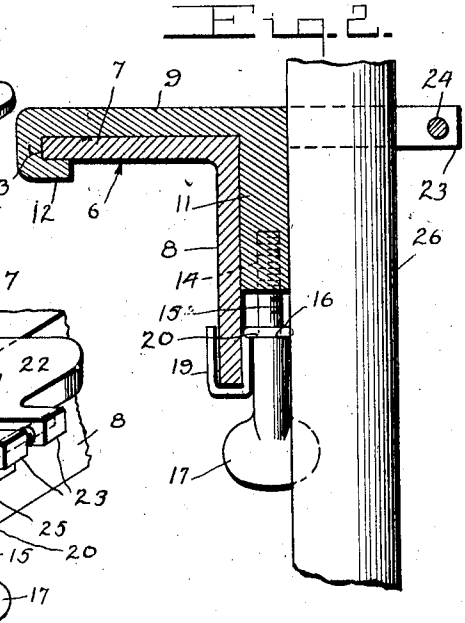
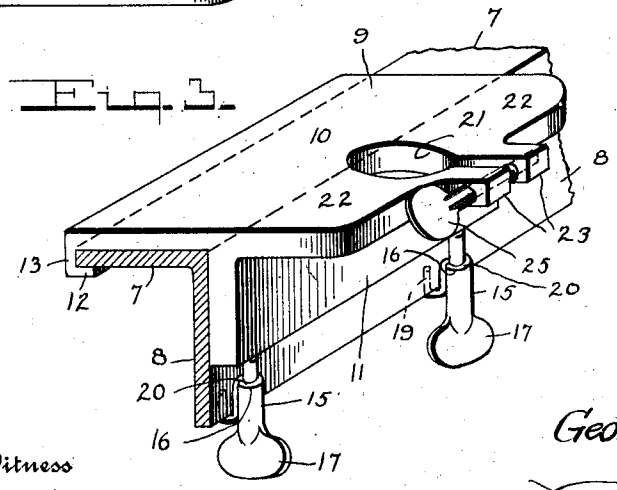


Fig. 3.



Witness

P. N. Jones

E. L. Maclean

Inventor

George A. Gamlin

By Dandelet & Chandler

Attorneys

UNITED STATES PATENT OFFICE.

GEORGE A. GAMLIN, OF NEW BRITAIN, CONNECTICUT.

ATTACHMENT FOR BEDS.

1,329,395. Specification of Letters Patent. Patented Feb. 3, 1920.

Application filed May 3, 1918. Serial No. 232,273.

To all whom it may concern:

Be it known that I, GEORGE A. GAMLIN, a citizen of the United States, residing at New Britain, in the county of Hartford, State of Connecticut, have invented certain new and useful Improvements in 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 is an improvement in beds and has particular reference to a table or tray attachment therefor.

An object of the invention is to provide an attachment of simple and inexpensive construction which may be readily and easily applied to and removed from a bed and adjusted to different positions thereon whereby to adapt the same to various uses.

The inventive idea involved is capable of receiving a variety of mechanical expressions one of which, for the purpose of illustrating the invention, is shown in the accompanying drawing wherein:—

Figure 1 is a fragmentary side elevation of a bed showing the attachment applied thereto and constructed in accordance with the invention.

Fig. 2 is a vertical sectional view on the line 2—2 of Fig. 1.

Fig. 3 is a perspective view of the supporting clamp attached to one of the side rails of the bed.

Fig. 4 is a similar view of the clamp or bearing carried by the tray or table.

In the drawing, the numeral 5 indicates a bed which may be of any desired construction and which includes the usual side rails 6 formed of angle iron to provide the horizontal and vertical webs 7 and 8, respectively.

The attachment which comprises the essential feature of the invention is shown in the accompanying drawing in what is now believed to be its preferred form which consists of a supporting or clamping member 9 formed of a casting and including a horizontal top plate 10 of substantially rectangular formation. Depending from this plate 10 at a point intermediate its longitudinal edges is a flange 11 which, when the member 9 is in position, is in engagement with the outer surface of the vertical web 8 but terminates short of the lower edge of said web. One of the longitudinal edges of the plate 10 is bent upon itself to provide the flange 12 which forms a groove 13 between the same and the under surface of the plate for the reception of the free longitudinal edge of the horizontal web 7 of the rail and in this manner the portion of the plate 10 between the flanges 11 and 12 will rest upon the upper surface of said horizontal web.

To securely attach the member 9 to the rail 6, the bottom edge of the flange 11 is provided therein with the screw threaded socket or openings 14 for receiving the screw threaded upper ends of the supporting pins 15 which are vertically adjustable with respect to said flange and at an intermediate point each pin is enlarged to provide a shoulder 16 while the lower end of each pin has the finger piece 17 whereby the same may be turned to screw into and from the socket 14. Associated with each of the pins 15 is a hook member 18 preferably formed from a single length of wire bent at one end to provide the hook 19 engageable with the lower edge of the vertical web 8 while the other end of said hook member is bent to form an eye 20 for receiving the reduced upper end of the pin 15 and engage the shoulder 16 whereby the hook member will be supported in position. It will be apparent from this description that by turning the pins 15 so as to screw the same into the sockets 14 the shoulders 16 will engage the eyes 20 and adjust said hook members upwardly whereby to engage the hooks 19 with the lower edge of the vertical web 8 and thereby produce a binding or clamping action.

The portion of the top plate 10 on the side of the flange 11 opposite the flange 12 is provided therein adjacent its outer edge with a circular recess 21 which opens upon said outer edge to provide the wing portions 22 on each side of the recess and by reason of said recess it will be apparent that the wing portions will have a slight amount of resiliency which permit of the same being adjusted toward each other to decrease the size of said recess. Extending from the wing portions 22 are the opposed lugs 23 having openings 24 therein for receiving a fastener 25, such as a bolt, which is utilized to adjust said lugs toward each other to contract the recess 21 and cause the wall thereof to bind

against the tubular standard 26 which is inserted into said recess and maintained in a vertically adjusted position therein.

The upper end of the standard 26 is bent to form a horizontal portion 27 which extends transversely and overhangs the bed when the standard is in position and said horizontal portion is mounted in a bearing member 28 secured to the under side of the tray or table 29 and provided with the opposed clamping jaws 30 having the longitudinal flanges 31. Extending through said flanges 31 are the set screws 32 or other fasteners employed to adjust the clamping jaws to tighten and loosen the same about the horizontal portion 27 whereby the tray or table 29 may be adjusted both longitudinally thereof and band about its longitudinal axis. In this manner the tray or table 29 may be supported both in a horizontal plane and diagonally with respect thereto whereby the same may be utilized both as a table and a book rack.

What is claimed is:

A clamping member for bed attachments comprising a top plate adapted to fit upon a bed rail and having a depending flange at one longitudinal edge, the lower edge portion of which is directed beneath the plate to constitute in connection with the plate a rail-receiving groove, the other longitudinal edge of the plate having a standard-receiving socket and laterally directed clamping fingers at opposite sides thereof having means for drawing them toward each other, the plate having also a central depending flange adapted to fit against the outer side face of a bed rail, thumb-screws adjustably engaged in the lower edge of the last-named flange, and hooks having eyes extending laterally from the ends of their stems and engaged upon the thumb-screws and having their bills directed toward the first-named flange to engage the lower edge of a bed rail.

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

GEORGE A. GAMLIN.

Witnesses:
JNO. P. MAGUIRE,
JOHN A. DOLAN.