

D. C. STAFFORD.
BRACKET FOR SUPPORTING TRAYS.
APPLICATION FILED JUNE 17, 1915.

1,236,887.

Patented Aug. 14, 1917.

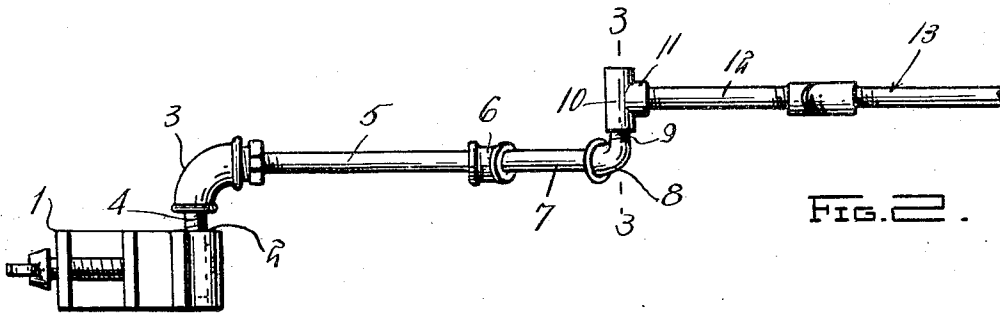
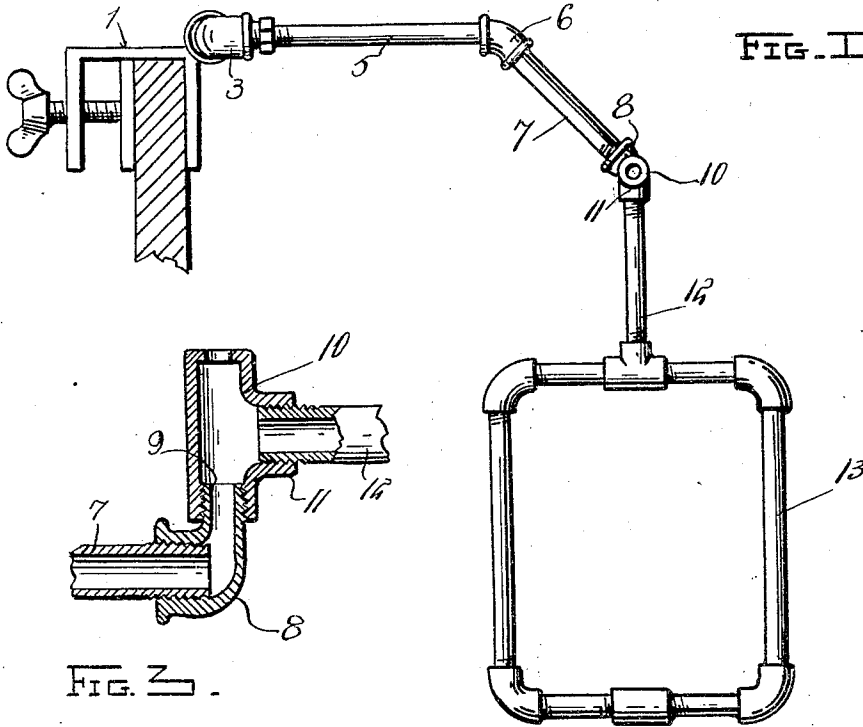
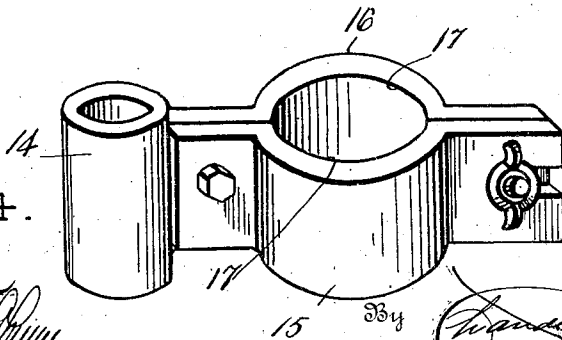


FIG. 4.



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BRACKET FOR SUPPORTING TRAYS.

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Specification of Letters Patent.

Patented Aug. 14, 1917.

Application filed June 17, 1915. Serial No. 34,683.

To all whom it may concern:

Be it known that I, DANN C. STAFFORD, a citizen of the United States, residing at Cortland, in the county of Cortland, State of New York, have invented certain new and useful Improvements in Brackets for Supporting Trays; 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.

The present invention is directed to improvements in brackets for supporting trays, and has for its object to so construct a device of this character that the same may be clamped to the head of a bed so as to support a tray in convenient reach of a person occupying the bed.

A further object of the invention is to provide a device of this character which can be easily and quickly attached to a bed, and adjusted to suit the convenience of the person occupying the bed.

A still further object of the invention is to provide a bracket of this nature which is wholly constructed from light metal, thus assuring a sanitary device.

With these and other objects in view, this invention resides in the novel features of construction, combination, formation and arrangement of parts to be hereinafter more fully described in the accompanying drawing, in which:—

Figure 1 is a plan view of the device.

Fig. 2 is a side elevation.

Fig. 3 is a sectional view on line 3—3 of Fig. 2.

Fig. 4 is a detail perspective view of a modified form of clamp.

Referring to the drawing 1 indicates the clamp adapted to be clamped to the head post of a wooden bed, and is provided with a socket 2, the purpose of which will appear later.

An elbow 3 is provided and has threaded in its lower end a pintle 4, which rotatably engages the socket 2, said elbow having threaded in its upper end a tubular arm 5, which is disposed in horizontal relation, and has threaded on its outer end an elbow 6.

Also threaded in the elbow 6 is a tubular horizontal arm 7 which is threaded in a connection 8, said connection being provided with a vertically disposed threaded projection 9, which is engaged in the lower end of

the T-connection 10, which is interiorly threaded, whereby the connection 10 may be rotated, but the threaded connection between the same and the projection 9 will prevent said connection from swinging too freely.

Threaded in the branch 11 of the T-connection 10 is a horizontal arm 12, which supports the rectangular frame 13, said frame being formed from light tubular metal.

The modified form of clamp, as shown in Fig. 4 of the drawing consists of a socket member 14, which is adapted to receive the pintle 4, when the bracket is used in connection with a bed having a metal head. The clamp consists of jaws 15 and 16, the latter being formed integral with the socket member 14. Both of said jaws are provided with semi-circular recesses 17 for engaging a bar of the head when the jaws are clamped.

In use the tray is placed upon the frame 13 so that the flanges of the tray will rest upon the side and end bars of the frame, thereby preventing the tray from sliding off the frame.

It will be of course obvious that the frame 13 may be made circular in shape for supporting a circular tray.

From the foregoing description it will be seen that a bracket has been provided and is so constructed that a tray containing food may be conveniently supported for use by a person occupying the bed.

What is claimed is:—

A bracket of the class described comprising a clamp having a socket, a pintle rotatably engaged in the socket, an elbow connected to the pintle, an arm consisting of angularly disposed sections supported by the elbow, a threaded extension carried by one section of the arm, a T-connection threaded upon the extension, an arm carried by the T-connection, and a rectangular frame consisting of tubular sections supported by the last named arm for removably supporting a tray, whereby said tray may be swung in opposite directions upon rotation of the T-connection.

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

DANN C. STAFFORD.

Witnesses:

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