Oct. 16, 1928. 1,688,096

J. A. TESK

BRACKET

Filed Nov. 10, 1924

Fig. 1.

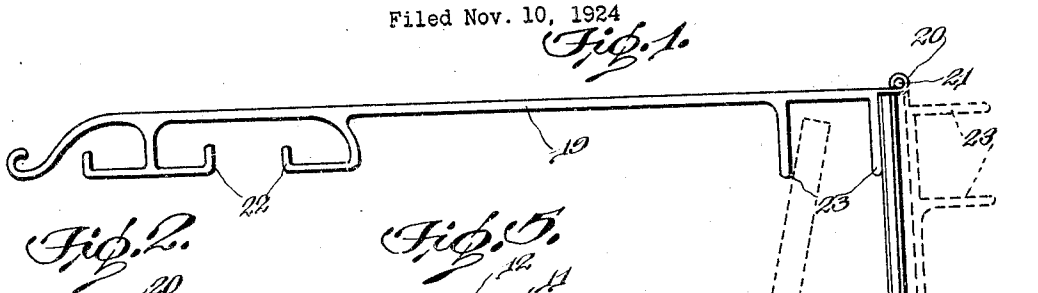


Fig. 2.

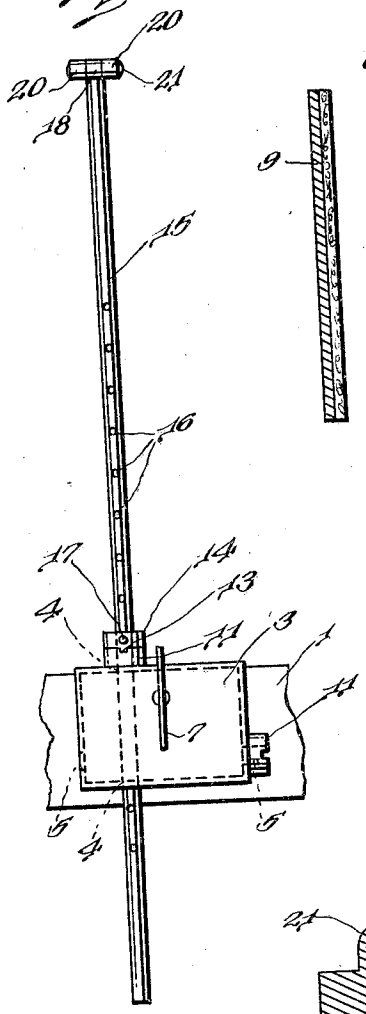


Fig. 5.

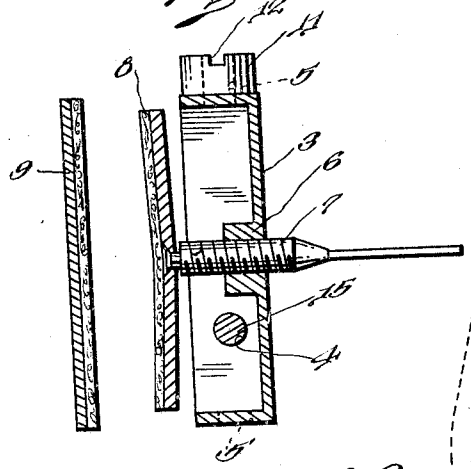


Fig. 3.

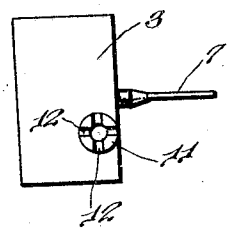


Fig. 4.

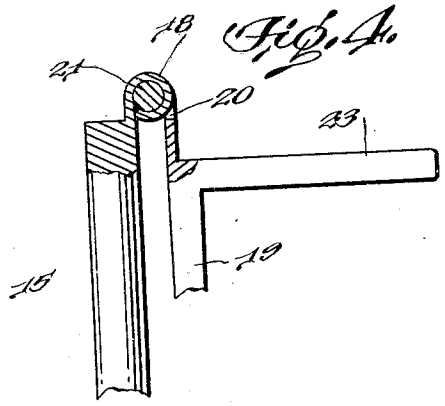
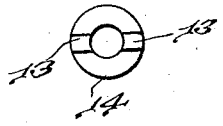


Fig. 6.



John A. Tesk INVENTOR

BY Victor J. Evans

ATTORNEY

Patented Oct. 16, 1928. 1,688,096

UNITED STATES PATENT OFFICE.

JOHN A. TESK, OF CHICAGO, ILLINOIS.

BRACKET.

Application filed November 10, 1924. Serial No. 748,969.

This invention relates to new and useful improvements in bracket constructions and more particularly to an improvement over my pending application filed May 28, 1924, Serial Number 716,464, and has for its primary object the structure of a bracket which is of the foldable type whereby the parts of the bracket may be quickly and readily folded into compact form and occupy a minimum amount of space when not in use.

Another object of my invention is the provision of a folding bracket which is especially adapted for attachment to chairs, cribs and the like for supporting various types of articles for infants and the device has incorporated in its construction a detachable clamp adjustably supporting a foldable bracket member which can be quickly and readily placed in an operative position or folded into a compact form so as to occupy a minimum amount of space whereby the same may be conveniently carried and always be ready for use.

A further object of my invention is the provision of a novel type of clamp member which is particularly adapted for use in connection with a foldable bracket and so constructed that the clamp may be quickly and readily attached to any stationary object; such as, a chair or the like and be positioned either in a vertical or horizontal plane and will accommodate the supporting standard of the foldable bracket whereby to support the bracket in various adjusted positions.

With the above and other objects in view, the invention consists in the novel features of construction, the combination and arrangement of parts hereinafter more fully set forth, pointed out in the claim and shown in the accompanying drawings, in which:

Fig. 1 is a side elevation of my improved supporting bracket illustrating the same in operative position, with the main supporting arm illustrated in an inoperative position in dotted lines,

Fig. 2 is a rear elevation,

Fig. 3 is a top plan view of the clamping member,

Fig. 4 is a detail section thru the pivotal connection between the supporting standard and the bracket arm, and

Fig. 5 is a detail transverse section on the line 5—5 of Fig. 1.

Referring more particularly to the drawings in which my invention is clearly illustrated, the numeral 1, in the present instance, indicates the back of a chair, preferably a high-chair such as used by small children. Attached to the back 1 are the supporting arms 2 of a tray or the like which are pivotally connected to the back 1 and adapted to be swung upwardly above the top of the back.

The improved clamp used in the present instance for adjustably supporting the foldable bracket comprises a body member 3 having spaced transverse openings 4 and longitudinal openings 5 which are formed in the inturned flanges of the body and formed integral with the closed wall of the body 3 is a boss 6 thru which is threaded a thumb screw 7 having loosely connected to its inner end a clamp bar 8 which cooperates with the flange 9 for clamping the body 1 to the back or side of a chair. The body 3 has formed upon one side thereof an angular extension 10 which includes the flange 9 arranged parallel with the body 3.

Each one of the pair of openings 4 and 5 is provided with a collar 11 upon the exterior of the body 3 and which is provided in its outer face with a plurality or radial recesses 12 adapted to cooperate with the diametrically opposed lugs 13 formed on the lower face of the collar 14 which is carried by the supporting standard 15 for retaining the standard 15 against rotary movement. The standard 15 is provided with a plurality of spaced openings 16 and in order to retain the collar 14 in various positions upon the standard, a pin 17 extends transversely thru the collar 14 and thru any one of the openings 16. From this is will be apparent that when the lower end of the supporting standard 15 is inserted thru either set of aligned openings 4 and 5 the lugs in the collar 14 will cooperate with the radial recesses 12 on the collars 11 for supporting the standard 15 against rotary movement or longitudinal movement with respect to the clamp 3.

The upper end of the supporting standard 15 is provided with a sleeve 18 and the inner end of the supporting arm 19 is provided with spaced sleeves 20 adapted to be aligned with the sleeve 18 on the upper end of the standard 15 and a pintle 21 passing therethrough to form pivotal connection between the standard 15 and the bracket arm 19. The outer end of the bracket arm is provided with a plurality of supporting members 22 which may be of any design and formed integral with the arm 19 adjacent its pivoted end are the spaced fingers 23 one of which forms a

stop adapted to abut the standard 15 in order to support the arm 19 in a horizontal position as shown in Figure 1. The other finger 23 forms a rest for the tray of a high-chair when the same is in a raised position. As the tray of the chair is raised arm 19 is raised slightly to permit the tray to pass beneath the finger 23 remote from the standard 15, after which arm 19 is released. This positions the upper portion of the tray between fingers 23, the inner one of which forms a raised or stop element which holds the tray raised and eliminates possibility of the tray dropping and striking a child being placed in or removed from the high chair.

It will be apparent from the foregoing that I have provided an improved supporting bracket which is especially adapted for use in supporting various articles for use by infants and the device is so constructed that it may be quickly and readily attached or detached in supporting position and also may be quickly and readily folded into compact form for use in travelling.

While I have shown and described the preferred embodiment of my invention, it will be understood that various changes and alterations may be made without departing from the spirit of the invention or the scope of the appended claim.

Having thus described my invention, what I claim is:

In combination with a chair having a pivoted tray member thereon, a clamp removably secured to the back of said chair, a standard adjustably supported by said clamp, a bracket arm having one end thereof pivotally connected to the upper end of said standard and adapted to lie in parallel relation with said standard when in inoperative position, and spaced fingers carried by said bracket arm adjacent the pivoted end thereof, one of said fingers contacting with said standard when said bracket arm is moved to a right angular position relative to said standard, said finger engaging said standard to hold said arm in said right angular position, said fingers being adapted to receive between them a portion of said pivoted tray member whereby said pivoted member may be retained in substantially parallel relation to said standard.

In testimony whereof I affix my signature.

JOHN A. TESK.