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C. J. HASS

ADJUSTABLE BRACKET

Filed March 15, 1926

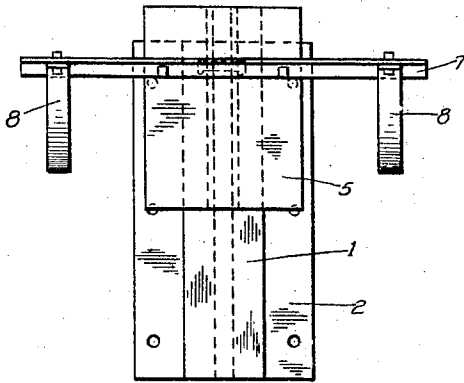


FIG. 1

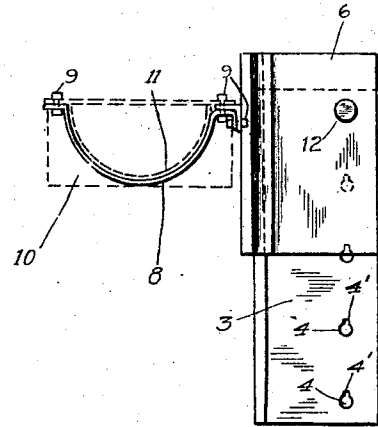


FIG. 2

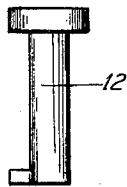


FIG. 4

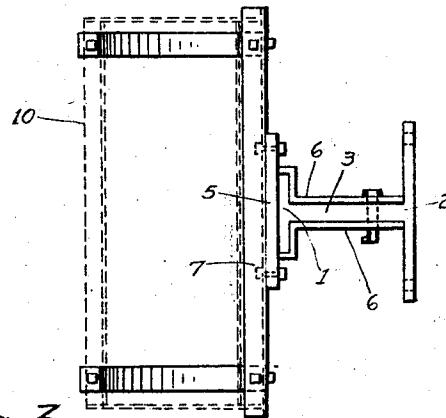


FIG. 3

INVENTOR  
C. J. Hass  
BY *Mum & Co.*  
ATTORNEYS

## UNITED STATES PATENT OFFICE.

CARL J. HASS, OF CHESTER, SOUTH DAKOTA.

## ADJUSTABLE BRACKET.

Application filed March 15, 1926. Serial No. 94,860.

My invention relates to improvements in adjustable brackets, and more especially in brackets which are designed for supporting hog troughs, and it consists in the combinations, constructions, and arrangements here-  
5 in described and claimed.

An object of my invention is to provide an adjustable bracket having simple means for supporting the bracket at various positions so as to prevent the overturning of the  
10 trough, thereby keeping the pen clean.

A further object of my invention is to provide an adjustable bracket to accommodate animals of various sizes, such as for use in  
15 pens for calves.

A further object of my invention is to provide a simple device in which the bracket may be mounted in the desired position by means of a single bolt, thereby obviating the  
20 necessity of complex mechanism for holding the bracket.

A further object of my invention is to provide a device of the type described in which the holding means may be easily removed,  
25 and yet is not liable to suffer accidental displacement.

Other objects and advantages will appear in the following specification, and the novel features of the invention will be particularly  
30 pointed out in the appended claim.

My invention is illustrated in the accompanying drawings, forming part of this application, in which—

Figure 1 is a front view of the device,

Figure 2 is a side view,

Figure 3 is a plan view, and

Figure 4 is a detail view of a retaining pin.

In carrying out my invention, I make use of a portion of a metal member, such as an I-beam. This, as will be observed from the drawings, has a front portion 1, a back portion 2, and a connecting portion 3. The latter is provided at intervals with openings 4  
45 which have extensions 4'.

Arranged to cooperate with the I-beam member is a retaining member having a front plate 5 to which are secured laterally extending Z-shaped plates 6. Secured to the front member 5 is a bar 7 having curved arms 8 near its ends. These arms are provided with bolts 9. The trough 10 is shown in dotted lines in Figures 2 and 3. The

semi-cylindrical body portion 11 of the trough is designed to fit in the curved arms 55 8 when the bolts 9 pass through flanges on the arms and into the edges of the trough for holding the latter in position.

From the foregoing description of the various parts of the device, the operation thereof may be readily understood. It will be seen that by raising or lowering the bar 7, the guide plates 6 will slide up and down. A retaining pin 12 has a lateral extension 13 which will enter the extension 4' in any  
60 of the openings 4. The retaining pin 12 is designed to pass through the guide members 6 and the intermediate web portion 3 of the I-beam. When the bracket has been located at the proper height, the pin may be  
70 turned so that there is no danger of its being accidentally displaced, since the extension 13 must pass through the extension 4' of the opening 4 in order for the pin to be with-  
75 drawn. By making use of a number of openings, the height of the bracket may be adjusted as desired.

When it is desired to change the height, the pin 12 may be turned to permit the extension 13 to pass through the opening when  
80 the bracket is free to be raised or lowered as desired.

It will be understood that this bracket may be attached to any suitable support, such as a wall, by means of fastening members which may be passed through openings  
85 in the back portion 2.

I claim:

An adjustable bracket comprising a supporting member I-shaped in cross section, the  
90 central member of said I-shaped support having a plurality of irregular-shaped openings, guide plates on each side of said central member, and having an opening arranged to register with said first named  
95 openings, a bar secured to said guide plates, curved arms secured to said bar for supporting a trough, means carried by the arms for securing a trough to the arms, and a pin having an end portion of a contour similar to  
100 the irregular-shaped openings and arranged to pass through said guide plates and said central portion for retaining the bracket at various positions with respect to the I-shaped member.

CARL J. HASS.