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FEEDER CUP SUPPORT
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Fig. 1.

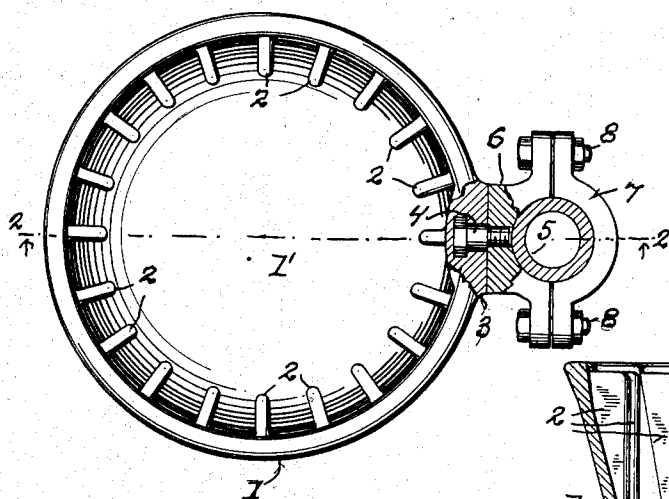


Fig. 3.

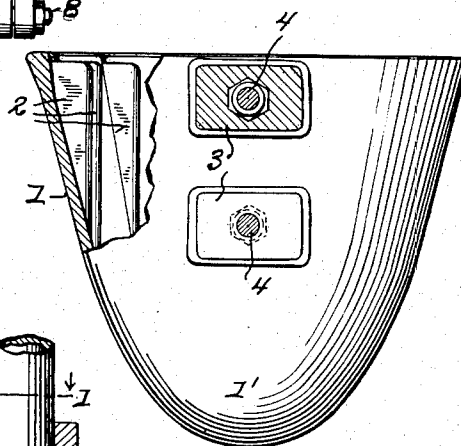
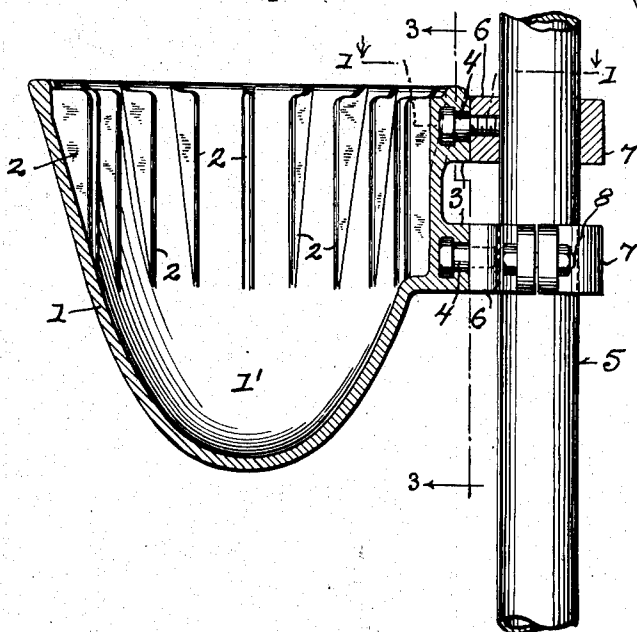


Fig. 2.



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FEEDER CUP SUPPORT

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1 Claim. (Cl. 248—230)

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My invention refers to feed bowls, especially adapted for feeding various minerals or salt to live stock.

The primary object of my invention is to provide a circular bowl, having radial ribs extending from the bowl mouth and extending downwardly, in tapered form to merge into the wall, approximately one-half of its depth, to leave a clean bottom cup portion for convenient access to the bowl contents.

The tapered ribs serve as baffles and form channels therebetween to prevent wasting or scattering the minerals, due to the animal "nosing" the feed and swirling it out of the bowl.

A further object of my invention is to provide a simple and effective spaced pair of aligned coupling units, whereby the said bowl is firmly anchored to any type of post, at the proper horizontal angle with relation thereto, and also proper elevation for convenient access to the bowl contents.

Practice has demonstrated that the bowl and associated parts must be rustproof. Hence the bowl is preferably molded from some plastic material. It is understood that all parts should, therefore, be of non-rust material to insure long life under climatic or other conditions tending to develop rust.

With the above and other objects in view, which will appear as the description proceeds, the invention resides in the novel construction, combination and arrangement of parts, substantially as hereinafter described, and more particularly defined by the appended claim, it being understood that such changes in the precise embodiment of the herein disclosed invention may be made as come within the scope of the claim.

In the accompanying drawings is illustrated one complete example of the physical embodiment of the present invention constructed according to the best mode so far devised for the practical application of the principles thereof.

In the drawings:

Fig. 1 represents a top plan view of a feeder bowl embodying the features of my invention, the same being partly in section as indicated by line 1—1 of Fig. 2.

Fig. 2 is a sectional elevation of the same, the section being indicated by line 2—2 of Fig. 1; and

Fig. 3 is a rear view of the bowl, with parts in section as indicated by line 3—3 of Fig. 2.

Referring by characters to the drawings, 1 indicates a circular or parabolic bowl, the mouth lip of which has extending therefrom a series of radially disposed ribs 2, which ribs extend downwardly into the face of the bowl, in tapered form, whereby the lower ends of said ribs are merged into the face of the bowl at a distance approximately one-half of the depth of said bowl, to thus produce a bottom cup portion 1', which is free from any surface interruptions.

The rear portion of the bowl is provided with a pair of pads 3 aligned and suitably spaced apart, as shown. The pads have molded therein

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a pair of headed bolts 4, the threaded ends of which extend beyond the pads for the purpose of attaching the bowl to a suitable post 5, which post may be either a metallic tube or a wood post.

The anchor coupling means for the bowl comprises a pair of winged base clips 6, having semi-circular recesses therein for engaging the post 5 and said clips have centrally threaded apertures for engaging the bolts 4, whereby these clips are firmly attached to the rear portion of the bowl.

The coupling connection between the bowl and post is completed by semi-circular wing clips 7—7, which clips are secured to the base clips by suitable clamping bolts 8 in conjunction with lock nuts.

From the foregoing description, it is apparent that the bowl is securely attached to any type of post and the same may be rotated at a convenient angle, with reference to the post, and also raised or lowered upon the post for proper height.

Furthermore, it should be understood that owing to the series of radial ribs, when an animal noses to the bottom or cup portion of the bowl for feeding, the said feed cannot be scattered or wasted, due to the fact that the ribs serve as baffles, whereby the mineral or salt, which may be scattered radially, is blocked in the channels between the ribs.

I claim:

A clamping device for feed bowls and cups of the type having a hollow tapered body and a pair of spaced vertically aligned pads extending outwardly beyond the outer face of the body, the pads terminating in flat faces lying in the same vertical plane and bolts molded in the pads and projecting centrally and outwardly beyond the same comprising, a pair of inner clips each having a flat base provided with a central threaded aperture and a semi-circular seat for engaging a post, the clips being rotatable upon the bolts for snug engagement with the flat faces of the pads, an outer pair of clips having semi-circular recesses in their inner faces for engaging a post, and clamping bolts connecting the inner and outer pair of clips together about a post.

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