April 27, 1926. 1,582,723

F. H. AHLMAN

CATTLE SALT CONTAINER

Filed April 24, 1925

Fig. 1.

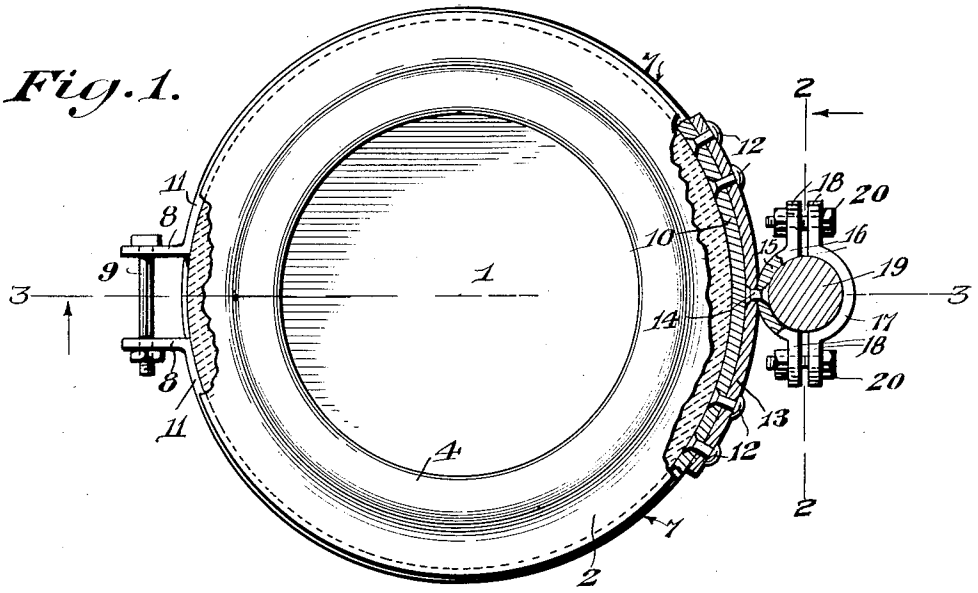


Fig. 2.

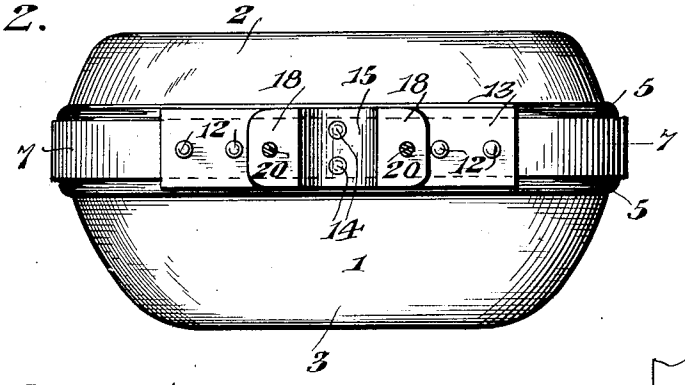
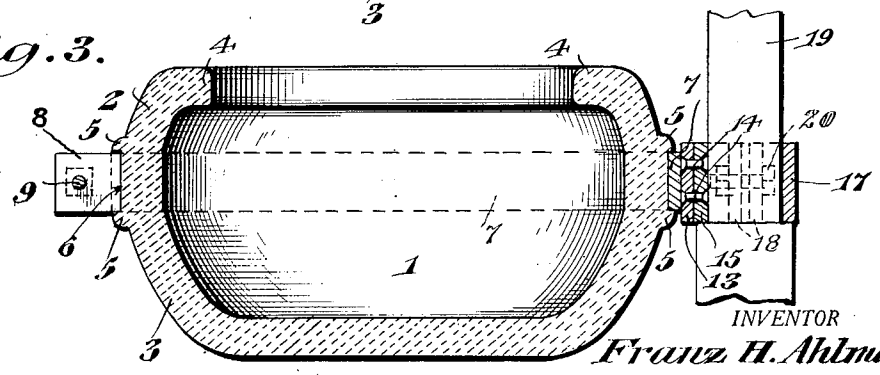


Fig. 3.



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UNITED STATES PATENT OFFICE.

FRANZ H. AHLMAN, OF MORRISTOWN, MINNESOTA.

CATTLE-SALT CONTAINER.

Application filed April 24, 1925. Serial No. 25,559.

To all whom it may concern:

Be it known that I, FRANZ H. AHLMAN, a citizen of the United States, residing at Morristown, in the county of Rice and State of Minnesota, have invented certain new and useful Improvements in Cattle-Salt Containers, of which the following is a specification.

This invention relates to a bowl and supporting means therefor.

The primary object of this invention is the provision, in a manner as hereinafter set forth, of a bowl and supporting means therefor designed particularly for the purpose of locating a supply of salt at a point convenient to an animal.

Another object of this invention is the provision, in a manner as hereinafter set forth, of an improved means for the support of a container of the character set forth, in a convenient manner and securely in position.

The invention contemplates the provision of a stone bowl having a broad groove about the periphery thereof in which groove a steel band is clamped, which band in turn has riveted thereto a clamp device designed to be secured about a post or other convenient support.

A final object of the invention is the provision, in a manner as hereinafter set forth, of an animal salt container of simple construction, strong and durable, easily and quickly secured in any desired location, and inexpensive to manufacture.

The invention will be best understood from a consideration of the following detailed description taken in connection with the accompanying drawing forming a part of this specification, with the understanding that the invention is not confined to any strict conformity with the showing of the drawing but may be changed and modified so long as such changes and modifications mark no material departure from the salient features of the invention as expressed in the appended claims.

In the drawing:—

Figure 1 is a top plan view of the structure embodying this invention, part thereof being shown in section for a clearer showing of the device.

Figure 2 is a rear elevation of the device, a portion of the clamp being removed. This is a section upon the line 2—2 of Figure 1.

Figure 3 is a section upon the line 3—3 of Figure 1.

Referring now to the drawing in detail wherein like numerals of reference indicate corresponding parts throughout the several views, there is indicated generally by the numeral 1 a bowl, having inwardly curved upper and lower portions 2 and 3 respectively and further having about the top thereof the inwardly extending flange 4.

Formed about the periphery of the bowl, is a pair of spaced flanges 5 thus setting up about the waist of the bowl a relatively wide groove 6.

Adapted to be secured about the bowl in the groove 6 is a split clamp band 7 having the ends thereof outturned as at 8 and in straight parallel relation and in these outturned ends or ears are apertures to receive therethrough the tie or securing bolt 9. This clamp band 7 is of varying thickness, the thickest portion being diametrically opposite the spaced ends 8 as indicated by the numeral 10 and decreasing in thickness to the ends thereof, the thinnest part being at the point indicated by the numeral 11.

By constructing the clamp band 7 in this manner the same is greatly strengthened at the point upon which the most strain is brought to bear when the structure is in use namely, at the rear portion where the device is attached to a support as will be set forth. The forward portions of the band decrease in thickness as just described and are thus made resilient to allow them to be drawn into position in the groove formed about the waist of the bowl. Two important features are thus taken care of in the construction of the band in this manner.

Secured to the portion 10 of the band which is of the greatest thickness as above stated, by means of the rivets 12 is a plate 13 to the central portion of which there is secured by means of the rivet 14 one member 15 of a two part clamp indicated generally by the numeral 16. This member 15 is fixed to the band 7 and the plate 13 at a point diametrically opposite to the bolt secured ends 8. Associated with this fixed member is a removable member or shiftable member 17 and as shown the two members each comprise a semicicular portion from each of which extends lateral ears 18 which when the semi-circular portions are fitted about a post 19 are in spaced alignment and are adapted to be secured together by means of

bolt members 20 to thus clamp the two members about the post 19 and thereby support the bowl 1 in horizontal position through the medium of the gripping band 7.

While in the foregoing description it has been stated that this is a bowl and support for the use of animals to take salt from, it is to be understood that the invention is not confined to such use but may be used wherever it is found of service. It is further to be understood that the device is not to be confined to any particular size nor does the applicant limit himself to the positioning of the clamp structure 16 at a point diametrically opposite to the clamped ends of the band 7, for the positioning of these points in the structure of the device may be changed without departing from the spirit of the invention as expressed in the claims.

As is well known salt quickly attacks metal and for that reason metal containers are not desirable for the use for which this device is intended. The container 1 is therefore made of the described heavy glazed stone or earthenware. A good supply of salt can therefore be kept before farm animals at all times without the chance of the salt becoming unfit for use through contaminating metal.

From the foregoing description it will be readily seen that there has been provided a neat and novel bowl and support therefor which is adaptable to many uses particularly in view of the ease and quickness with which the same may be secured in any desired location.

Having thus described my invention what I claim is:—

1. A cattle salt container of the character set forth comprising, a bowl having a pair of spaced flanges formed about the waist thereof to set up a peripheral groove, a split supporting band secured about each bowl in said groove, said band being of greater thickness at the point diametrically opposite the split portion thereof and gradually decreasing in thickness to the ends thereof, means for drawing said ends together to tighten said band, and a securing clamp carried by the band at the point of greater thickness for attaching the band and bowl to a support.

2. A cattle salt container of the character set forth comprising, a bowl having a pair of spaced flanges formed about the waist thereof to set up a peripheral groove, a split supporting band secured about each bowl in said groove, said band being of greater thickness at the point diametrically opposite the split portion thereof and gradually decreasing in thickness to the ends thereof, means for drawing said ends together to tighten said band, a reinforcing plate secured to said band at the point of greater thickness, and a supporting clamp secured to said plate for securing the band and bowl to a support.

3. In a structure of the character set forth, a bowl having a peripheral groove formed thereabout, a split band adapted to fit about said bowl in said groove and having the ends thereof outturned and in spaced relation, means for drawing said ends together to cause said band to grip the bowl, and a two part clamp carried by said band for securing the same to a support.

4. A cattle salt container of the character set forth comprising, a bowl having a pair of spaced flanges formed about the waist thereof to set up a peripheral groove, a supporting element designed to grip about the body of said bowl in said groove, means whereby said element may be drawn tightly into said groove, and means whereby said element may be caused to grip a support to maintain it and the bowl horizontally extended from the support.

In testimony whereof, I affix my signature hereto.

FRANZ H. AHLMAN.