

H. F. THOMPSON.
 WATER PAIL SUPPORT.
 APPLICATION FILED FEB. 7, 1918.

1,276,285.

Patented Aug. 20, 1918.

Fig. 1.

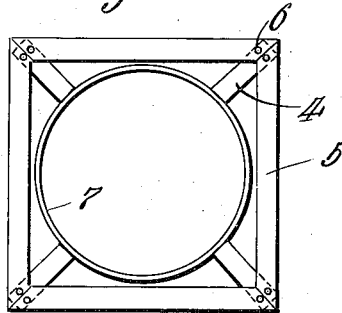


Fig. 2.

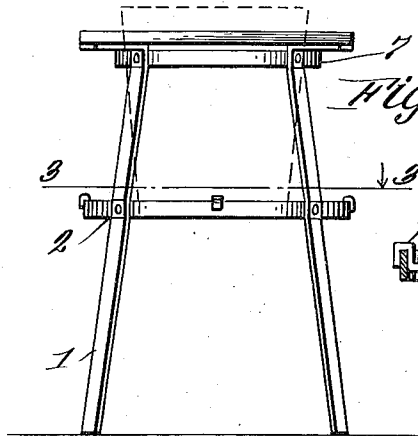


Fig. 4.

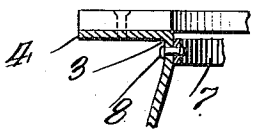


Fig. 5.

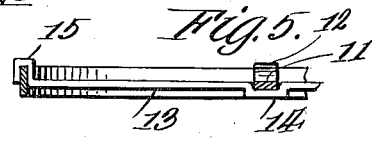
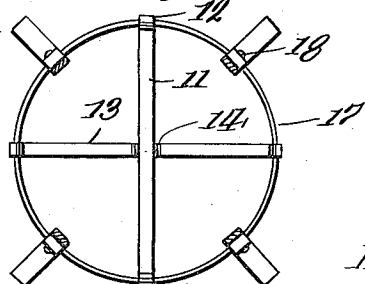


Fig. 3.



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WATER-PAIL SUPPORT.

1,276,285.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HARRISON F. THOMPSON, a citizen of the United States, residing at Vineland, in the county of Cumberland and State of New Jersey, have invented certain new and useful Improvements in Water-Pail Supports, of which the following is a specification.

This invention relates to animal husbandry, and more especially to stock and poultry watering devices; and the object of the same is to produce a sanitary stand or support for a bucket or pail which will afford no lodgment for the insects that infest poultry in the average hen-house.

A further object is to produce a device of this character which is fireproof, practically indestructible, light in weight, and withal easily manufactured and therefore within the reach of people of average means.

While I have described this device as designed for supporting a pail or the like, it is of course possible to give it a wider variety of uses without departing from the spirit of the invention. Details of the latter will be set forth in the following specification, and reference is made to the accompanying drawings, wherein:—

Figure 1 is a plan view of this device and

Fig. 2 is a side elevation, the latter showing a pail in position in dotted lines,

Fig. 3 is a horizontal section on the line 3—3 of Fig. 2, and

Figs. 4 and 5 are sectional details which will be referred to hereinafter.

There are four like legs of strap metal. Each has a straight body 1 which eventually stands slightly inclined as seen in Fig. 2, and which body is offset or deflected a little at one point as indicated at 2 for a purpose yet to appear. At its upper end the body is also turned or deflected slightly as at 3, (see Fig. 4), both deflected surfaces standing vertical while the body stands a little inclined as shown. Beyond the upper deflected portion the strap metal is bent outward at right angles into an arm 4, and the arms of the four legs under the extremities of four frame bars 5, as seen in Fig. 1 and are riveted thereto as at 6. The deflected portions 3 are passed around a ring 7 and riveted thereto at 8, and this ring is preferably of a size to admit an ordinary tin bucket or pail as indicated in dotted lines. The ring 7 serves as a means for holding the upper ends of the legs properly spaced, and yet

it affords no interruption to the insertion of a pail or bucket as shown. The frame bars 5 also hold the arms 4 at the upper ends of the legs in proper position without preventing the insertion and removal of the pail, and as these bars preferably stand in one plane if they are of strap metal, a top may be laid over them if the device is to become a small table, although this adaptability of my invention is hardly necessary of illustration. Where the several legs are deflected at the points numbered 2, I insert within them a larger ring or hoop 17 which is riveted to the several legs at the points 18, and this hoop also is by preference of strap metal. Herein I provide cross pieces for holding the hoop rigid between its points of attachment to the several legs, because the bucket or pail will not pass down through the hoop but should rest on these cross pieces when inserted in position as shown in dotted lines in Fig. 2. One cross piece I have numbered 11, and it is a straight piece of strap metal having hooks 12 at its extremities adapted to be dropped over the hoop 17. The other cross piece 13 has a dropped center 14 to pass under the first cross piece and hooks 15 at its extremities to engage over the hoop 17. I do not find it necessary to rivet these hooks to the hoop or the cross pieces to each other, but fastening devices may be employed for this purpose if desired. When the device is made entirely of metal as suggested, it of course forms no breeding place for the lice and other insects which infect hen houses and poultry. It may be washed by turning the hose on it, by submerging it or boiling it, or of course it may be thrown on a pile of burning brush and cleansed of every possible particle of contamination. By removing the cross pieces 11 and 13 from the hoop 17 a much longer container may be mounted within the ring 7, from which it may hang or through which it may pass so that it will then rest on the ground if desired. When used for poultry as suggested the frame bars 5 form convenient supports or rests for the claws of the hens as they fly upward to drink out of the pail, if it contains water, or to feed out of it, if it contains food. I refrain from giving the proportions and materials of parts excepting that I would prefer metal.

What is claimed is:—

1. In a device of the class described, the

combination with a plurality of upwardly converging legs bent outward at their upper ends into arms standing in a single horizontal plane, and a plurality of frame
5 bars riveted to and connecting the outer ends of said arms; of a relatively smaller ring connecting said legs just beneath said arms, a relatively larger ring connecting the legs at a lower point, and bars across
10 the last mentioned ring to form a support for an article passing through the first-mentioned ring.

2. In a device of the class described, the combination with a plurality of upwardly
15 converging legs having deflected portions within their length, and a ring secured to their upper ends; of a hoop riveted within said deflected portions, a cross bar of strap metal within said hoop having hooks at its
20 ends engaging over the hoop, and a second

cross bar at right angles to the first and having a dropped center passing beneath it and hooks at its ends engaging over said hoop.

3. In a device of the class described, the
25 combination with four upwardly converging legs and a four-sided frame whose bars are secured to their upper ends; of a hoop riveted within said legs, a cross bar within said hoop having hooks at its ends engag-
30 ing over the hoop, and a second cross bar at right angles to the first and having a dropped center passing beneath it and hooks at its ends engaging over said hoop.

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

HARRISON F. THOMPSON.

Witnesses:

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EUGENE W. GARRISON.