





# UNITED STATES PATENT OFFICE.

DANIEL J. BOLE, OF PITTSBURG, PENNSYLVANIA.

DEVICE FOR SUPPORTING FEED BUCKETS OR BAGS FROM HARNESS.

SPECIFICATION forming part of Letters Patent No. 688,714, dated December 10, 1901.

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*To all whom it may concern:*

Be it known that I, DANIEL J. BOLE, a citizen of the United States of America, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Devices for Supporting Feed Buckets or Bags from Harness; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to certain new and useful improvements in devices for supporting feed buckets or bags from harness.

The invention has for its object to construct a support which may be readily attached to the harness and removed therefrom and when in position will support the feed-bucket or like receptacle in a convenient position for the animal; furthermore, a device which may readily be detached and conveniently folded when not desired for use.

Briefly described, the invention comprises a pair of arms terminating at one end in a loop to receive the feed-bucket and at their other ends connected to clamps, which clamps have sockets pivotally secured thereto, the latter receiving and having secured therein a pair of hanger-arms, which at their upper ends are adapted to engage over the hames of the harness or with other suitable support for suspending the feed-bucket and its support from the harness.

In describing the invention in detail reference is had to the accompanying drawings, forming a part of this specification, wherein like numerals of reference indicate corresponding parts throughout the several views, and in which—

Figure 1 is a detail perspective view of my improved feed-bucket support, showing the same in position for attaching to the hames of the harness, with the feed-bucket shown in dotted lines in position. Fig. 2 is a detail side view of one of the sockets which receive and hold the hanger-arms, showing a part of one of these arms and also a part of one of the feed-bucket-supporting arms. Fig. 3 is a like view of one of the sockets or clamps which receive and hold the feed-bucket-supporting arms and also showing a part of one

of the sockets for the hanger-arms and a part of one of these arms. Fig. 4 is a detail perspective view of one of the sockets for the hanger-arms. Fig. 5 is a like view of a part of the hanger-arm in a modified form of construction. Fig. 6 is a detail view showing one of the socket members with integral lug.

To put my invention into practice, I provide a bucket-support, which in the illustration of the invention as herein made comprises a circular metal rod which is doubled and the two arms thereof crossed at the outer end to form a supporting-loop 1 to receive the bucket 2 and supporting-arms 3 3, extending rearwardly from the loop, substantially triangular in shape and engaging in the sleeve, socket, or clamp member 4, through which they are adjustable in order to shorten or lengthen the distance between the sockets or clamp members 4 of the bucket and in which they are secured by set-screws 5. Pivotaly secured to the inner face of each ring 4' of each of said sockets or clamp members 4 is a ring 10, integral with a socket 6, which latter is adapted to receive the lower end of the hanger-arm 7, these arms being adjustable through the socket 6 and secured in the adjusted position by means of set-screws 8. At their upper ends the arms 7 are formed into loops 9, which may be bent inwardly at an angle to the arms, as shown in Fig. 1, in order to readily engage the same over the hames of the harness, as will be apparent. A pivotal screw or bolt 11 passes through the wings 4' and 10, and said wings may be adjustably held in different positions by means of said screw or bolt 11 being tightened so that the adjacent faces of the wings will be held in frictional contact with each other. A stop 12 on the wing 10 serves to limit the rearward throw of the wing 10 by said stop coming in contact with the lower edge of the wing 4'. A brace-rod 14 is preferably connected to the hanger-arms 7 and may be, as shown, constructed of a bar of iron looped at both ends and inserted through the hanger-arms before loops 9 of the latter are formed or previous to the insertion of the lower ends of these hanger-arms 7 into their sockets 6. This brace-rod will not in any manner interfere with the opening and closing movement of the hanger-arms 7.



In Fig. 5 I have shown a hanger-arm of a slightly-modified form of construction, the stem 15 thereof terminating in an eye 16 instead of an inwardly-bent loop or eye 9, as shown in Fig. 1, this eye 16 being in line with the rod and adapted to be engaged over the rein-receiving eye or guide-ring carried by the hames.

Where the hames of the harness are of such construction as to project above the collar the form of loop as shown in Fig. 1 may be employed, and where the hames are of the usual buggy-harness form, in which they do not project above the collar, the eye or loop 16 may be employed.

When detached from the hames, the hanger-arms 7 may be folded against the supporting-arms 3 3, as will be readily apparent.

It will be noted that various changes may be made in the details of construction without departing from the general spirit of my invention.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. Means adapted to be detachably secured to the harness for supporting a feed-bucket, said means comprising a pair of supporting-arms terminating into a bucket-receiving loop, sockets in which said arms are adjustable, a pair of sockets pivoted to the first-named sockets, hanger-arms adjustably secured in the said pivoted sockets, said hanger-arms adapted to be engaged with the harness, substantially as set forth.

2. A device for supporting a feed-bucket consisting of the bucket-supporting rod bent to form a hoop, socket members 4 in which the ends of said rod are adjustably held, set-screws for holding said ends in adjusted positions, a wing 4' integral with each socket member 4, the socket members 6 each with an integral wing 10, a pivotal bolt passing through registering apertures in said wings 4 and 10, and means for limiting the backward throw of said socket members 6, and the hangers 7 adjustably held in said socket members 6, as set forth.

3. A feed-bucket-supporting device, comprising a rod bent to form a hoop, the socket members 4 each having an integral wing 4', set-screws for holding the ends of said rod in adjusted positions in said socket members, the socket members 6 each with an integral wing 10, a stop 12 on the face of each wing 10, a pivotal bolt 11 passing through registering apertures in said wings 4' and 10, the lower edge of the wing 4' designed to contact with one of said stops to limit the rearward throw of the socket members 6, the hanger-rods 7 adjustably held in the socket members 6, and the rod 14 with eyes engaging said hanger-rods, as set forth.

In testimony whereof I have hereunto affixed my signature in the presence of two subscribing witnesses.

DANIEL J. BOLE.

Witnesses:

JOHN GROETZINGER,  
H. E. BECKER.