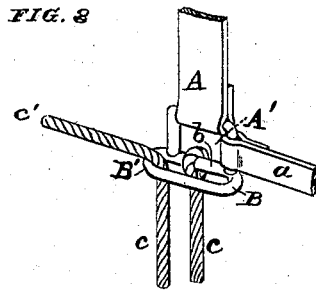
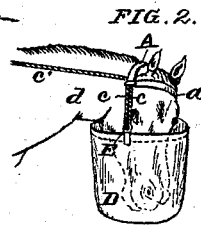
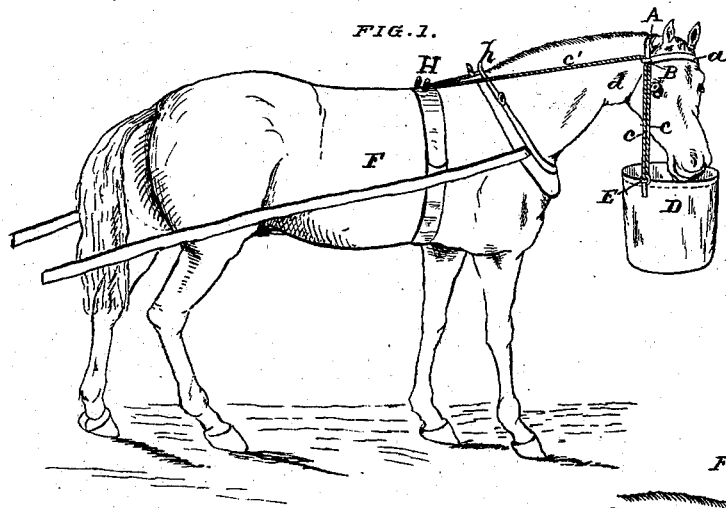


D. JANNOPOULO.
Feed-Bag.

No. 205,097.

Patented June 18, 1878.



ATTEST:
Alex. J. Thomson
W. F. Dale

INVENTOR:
Dimitrios Jannopoulos
By Joseph E. Kane, Attorney.

UNITED STATES PATENT OFFICE.

DEMETRIUS JANNOPOULO, OF ST. LOUIS, MISSOURI.

IMPROVEMENT IN FEED-BAGS.

Specification forming part of Letters Patent No. **205,097**, dated June 18, 1878; application filed March 29, 1878.

To all whom it may concern:

Be it known that I, DEMETRIUS JANNOPOULO, of the city of St. Louis and State of Missouri, have invented certain new and useful Improvements in Feed-Bags; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention consists in an improvement in the construction of compound bridle-loops and their attachment to the head-gear of horses, in substitution of the ordinary buckle or the rosette, at the same time admitting of the attachment thereto of the cords of an ordinary feed-bag, in such a manner as to cause the raising or lowering of the feed-bag by the movements of the horse's head while feeding.

The invention consists in the arrangement of loops intended to receive and hold by sewing or riveting the joined parts of a bridle head-gear, consisting of the crown-piece and fore piece of a vertical or upper loop, a transverse tying-bar, and a lower loop, to which the cord attached to a feed-bag can be fastened, and by means of which the feed-bag can be easily and reliably operated, as already stated.

In the accompanying drawing, in which similar letters of reference indicate like parts, Figure 1 is a perspective view of a geared horse, showing the ordinary attachment of my device to a feed-bag. Fig. 2 shows, part in perspective and by broken lines, the relation of the horse's head while stooping to obtain a mouthful of feed or while eating. Fig. 3 is an enlarged view of a portion of the head-gear and the attached cords.

The head-gear *A a*, composed of the ordinary crown and fore pieces, with the extended throat-latch, is attached to the upper loop of the buckle *A'*.

To the transverse bar *b* of said loop *A'* the cords *c* are attached by knotting. The free ends of said cords are then passed through the ring *E* on the feed-bag *D*. The said cords are then passed through the lower loop *B'*, while the free ends of the cords are to be tied to the hames *h* or to the back-band.

In the operation of my improved loop in connection with a feed-bag it will be seen that by the attachment of the cords to the loop-bars, and thence through the feed-bag rings and the rear lower loop, the cords are doubled, and the raising and lowering of the bag thereby rendered easily adjustable, and the ends of the cords are accordingly tied to the hames with due regard to the animal's freedom in breathing.

What I claim as my invention is—

In a feed-bag attachment, the compound loop *A'*, the two loops of which are joined at right angles to each other, the upper loop serving as an attachment for the head-gear *A a*, and the lower loop adapted for the reception of the cord *c*, by which the feed-bag is raised or lowered, substantially in the manner described, and for the purpose stated.

In testimony that I claim the foregoing as my own invention I affix my signature in presence of two witnesses.

DEMETRIUS JANNOPOULO.

Witnesses:

ALEX. J. THOMSON,
W. F. DALY.