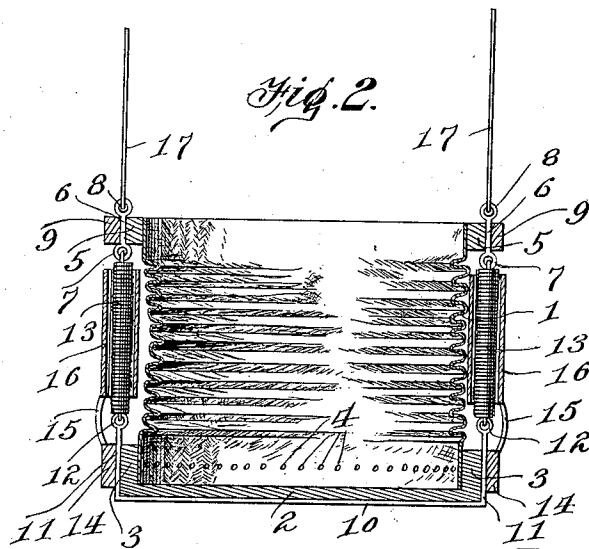


NOSE BAG.

1,035,991.



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NOSE-BAG.

1,035,991.

Specification of Letters Patent.

Patented Aug. 20, 1912.

Application filed October 7, 1910. Serial No. 585,866.

To all whom it may concern:

Be it known that I, JOHN W. MOIR, a citizen of the United States of America, residing at Wayne, in the county of Delaware and State of Pennsylvania, have invented certain new and useful Improvements in Nose-Bags, of which the following is a specification.

This invention relates to nose bags, and the object of the invention is to provide a device of this character wherein automatically controlled means are employed for holding the bag at all times in a position where the feed will be disposed in convenient reach of the animal.

The primary object of my invention is the provision of a device of the above stated character wherein the automatic controlling means employed for holding the bag at all times in a position where the feed will be disposed in convenient reach of the animal, is disposed in direct central alinement with a pair of tubular members or guide-ways and by such alinement prevents the said automatic controlling means from sagging or abutting either the inner walls or the top and bottom edges thereof. This is considered a great advantage over such means as has been heretofore applied to such devices and used for like purposes.

In the drawing forming a portion of this specification and in which like numerals of reference indicate similar parts in the several views:—Figure 1 is a detail vertical section through my improved bag showing the same in an extended position. Fig. 2 is a similar view showing the bag in a partly folded position.

The device consists of a receptacle 1 which is preferably formed of canvas or similar such flexible material that can be readily folded. The lower end of the bag is closed by a bottom 2 which is formed to provide a vertical flange 3 which extends around the walls of the receptacle at the lower end thereof. The flange 3 is secured to the receptacle by rivets or other suitable fastening devices 4. At the upper end the receptacle has secured thereto a band 5. Supporting elements 6 are located at the upper end of the receptacle at diametrically opposite points thereof. These supporting elements are formed at their lower ends to provide eyes 7 and at their upper ends to provide eyes 8. The elements are secured to the band 5 by a clamping ring 9. The shank

portions of the supporting elements 6 are coextensive in thickness with the thickness of the band 5 and the clamping ring 9, and as illustrated, the eyes 7 and 8 of the clamping elements extend transversely to the joint between the said band 5 and clamping ring so as to hold the clamping ring in its adjusted position on the band without the use of securing devices such as rivets or the like. A supporting element 10 extends across the underside of the bottom 2 and it is formed to provide upstanding terminals 11 whose extremities are formed to provide eyes 12. Retractable springs 13 have their lower ends engaged in the eyes 12 of the support 10 and the upper ends of such springs are engaged in the eyes 7 of the support 6.

A clamping ring 14 surrounds the flange 3 of the bottom and it serves to hold the support 10 in an applied position. This ring may be conveniently removed should it be desired to replace worn springs by new ones as will obviously appear. The clamping ring 14 is provided with upwardly extending arms 15 on which are mounted hollow tubular-like supports 16 through which the springs 13 extend. The supports 16 serve to guide the springs and to hold them against accidental displacement. In other words, the supports hold the springs in close confinement to the sides of the receptacle 1. They also serve as housings to entirely cover the springs when the receptacle is in a folded position. A head strap 17 has its terminals engaged in the eyes 8 of the supporting elements 6.

From the construction of the device described it will be seen that under the weight of the feed the receptacle will be held in an extended position but on displacement of the feed the springs 13 will effectively act to fold the receptacle and to move the bottom thereof toward the nose of the animal so that the feed will remain at all times in convenient reach. The receptacle obviates the necessity of the animal shaking his head in order to shift the feed in positions where it may be reached and it therefore prevents loss of such feed.

I claim:—

A nose bag comprising a collapsible receptacle, a bottom therefor, a supporting element extending across the bottom and formed to provide upstanding terminals disposed in spaced parallel relation to a portion of the sides of the bag and whose

extremities are formed to provide eyes, a
bottom clamping ring, hollow tubular
guide-way members formed integral with
said ring and disposed at opposite sides of
5 the receptacle, a band at the upper end of
the receptacle, elements formed at their
inner ends to provide upper and lower eyes
confined between the band and the latter
mentioned clamping ring, springs mounted
10 in said tubular guide-way members and
having one end connected to the upstanding
terminals and the other end connected to
the lower eye of said elements, said ring dis-
posing said elements in central alinement
15 with said tubular guide-way members, said

bottom clamping ring engaging the sides of
the upstanding terminals of said supporting
element and holding said upstanding ter-
minals in central alinement with the lower
end of said tubular guide-way members 20
thereby assuring at all times that said
spring is in central alinement with said tu-
bular guide-way members and also in oper-
ative position.

In testimony whereof I affix my signature 25
in presence of two witnesses.

JOHN W. MOIR.

Witnesses:

FRANK SMITH,
A. LINCOLN CASTLE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."