(No Model.)

J. H. WILLIAMS.

FEED BASKET.

No. 432,006. Patented July 8, 1890.

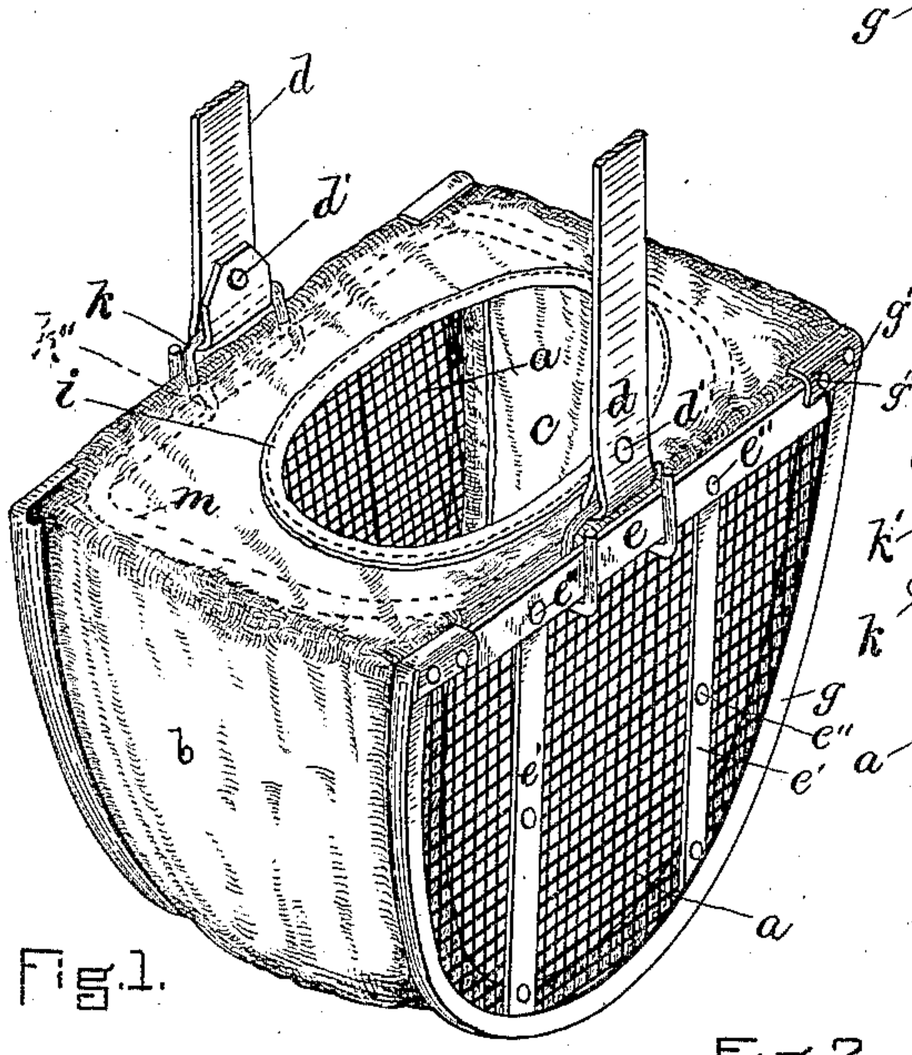


Fig. 1.

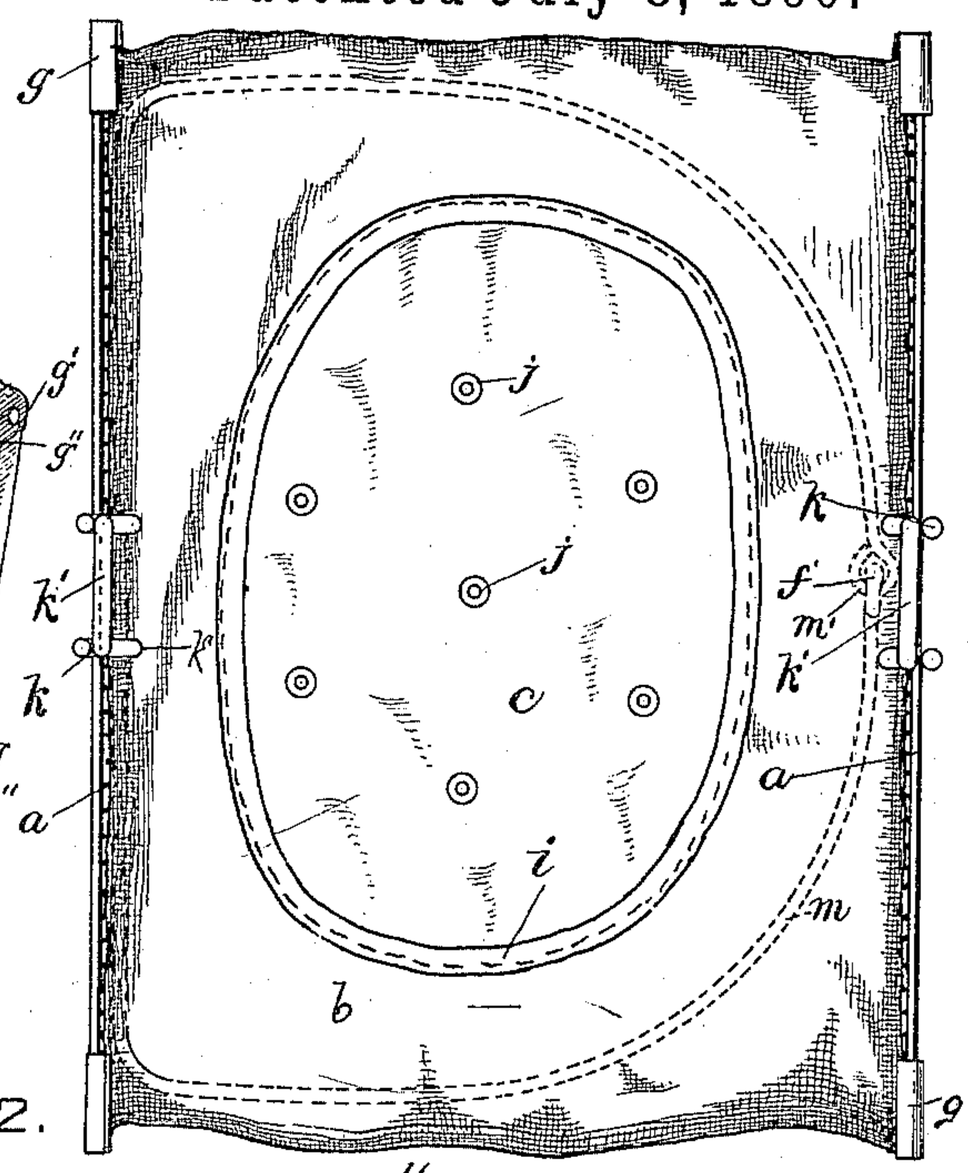


Fig. 2.

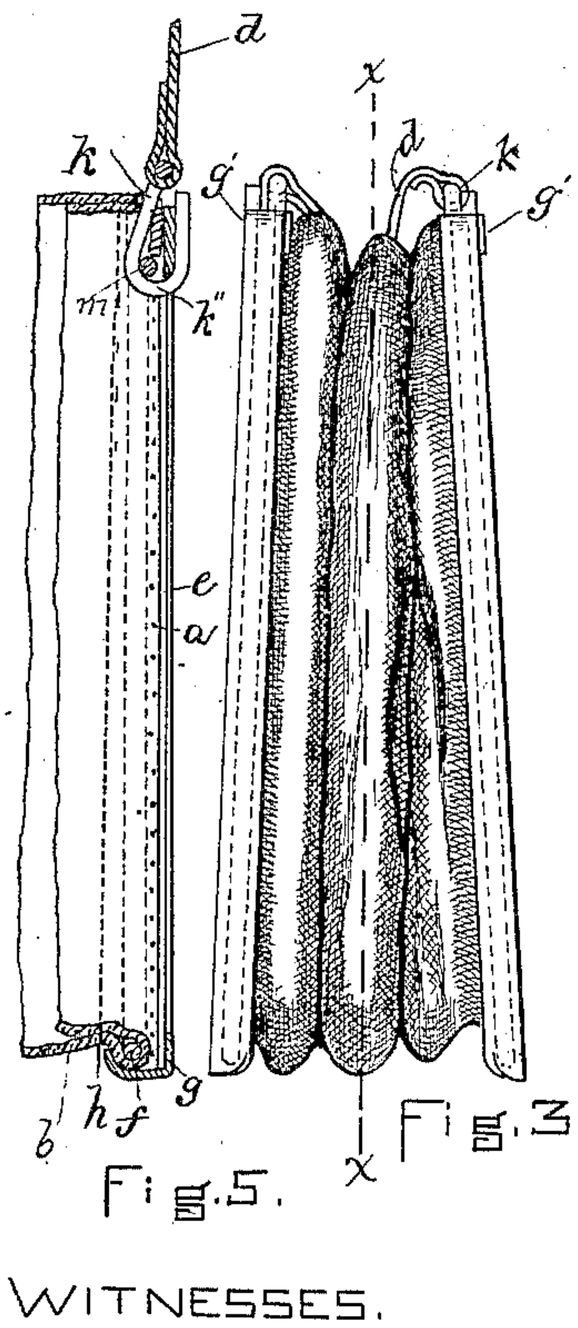


Fig. 3.

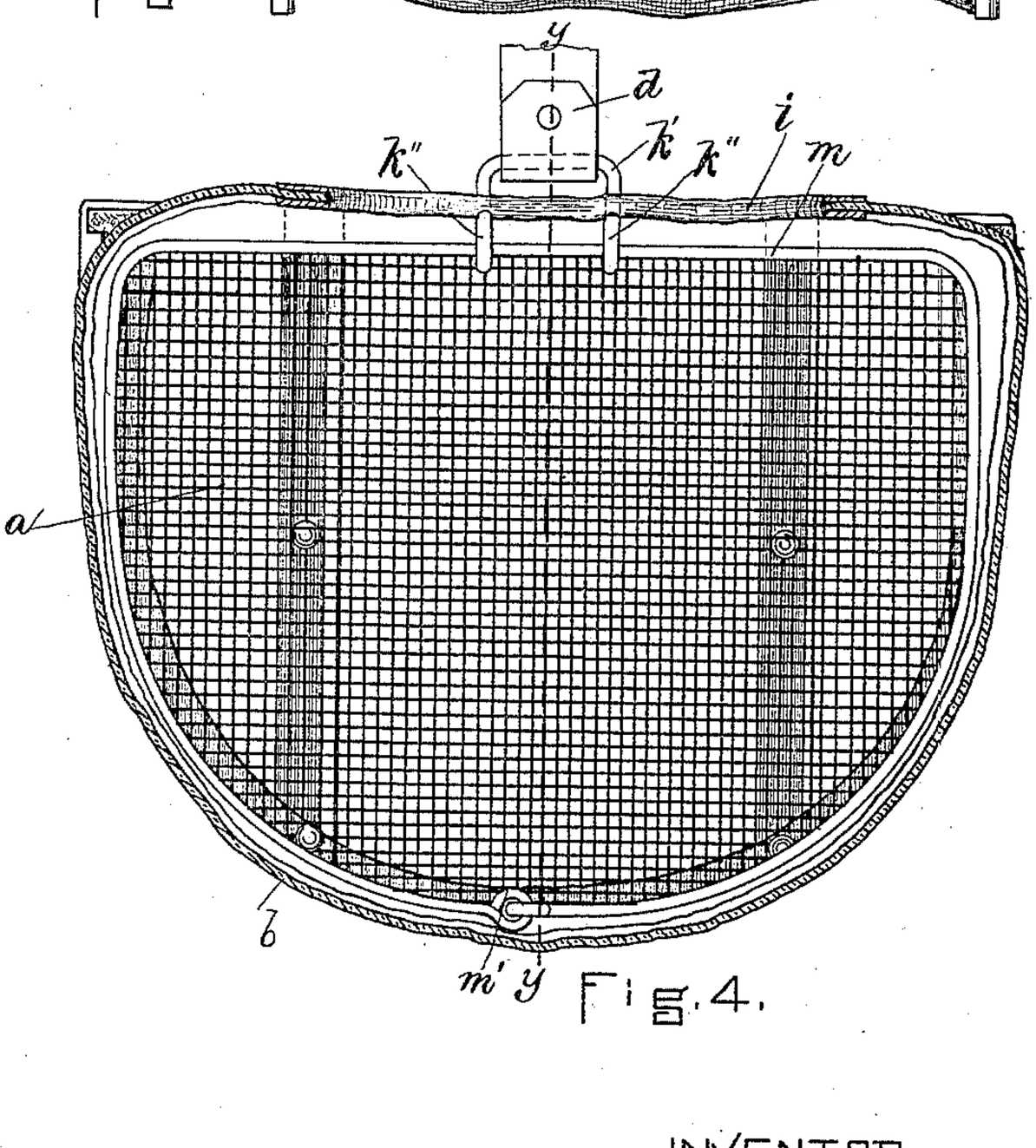


Fig. 4.

Fig. 5.

WITNESSES.

A. D. Harrison.

W. C. Ramsay.

INVENTOR.

J. H. Williams

by Wright Brown Quinby & Otis

Attys.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JOHN H. WILLIAMS, OF BOSTON, ASSIGNOR, BY MESNE ASSIGNMENTS, TO HIMSELF, AND GEORGE A. SLEEPER, OF SOMERVILLE, MASSACHUSETTS.

FEED-BASKET.

SPECIFICATION forming part of Letters Patent No. 432,006, dated July 8, 1890.

Application filed April 9, 1889. Serial No. 306,553. (No model.)

To all whom it may concern:

Be it known that I, JOHN H. WILLIAMS, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Feed-Baskets, of which the following is a specification.

This invention relates to feed-baskets; and it has for its object to provide a light folding basket of improved construction which will allow freedom for breathing on the part of the animal feeding from the same without removal of its nose from the basket.

To these ends the invention consists in the improvements which I will now proceed to describe and claim.

In the accompanying drawings, forming a part of this specification, Figure 1 represents a perspective view of my improved basket. Fig. 2 represents a top view of the same. Fig. 3 represents an end elevation, the basket being folded. Fig. 4 represents a sectional view on line *x x*, Fig. 3. Fig. 5 represents a sectional view on line *y y* of Fig. 4.

The same letters of reference indicate the same parts in all of the figures.

In the drawings, *a a* represent the wire side pieces, which are semi-elliptical in shape and are secured to marginal frames composed of the strips *g e*, and additionally supported by metal strips *e'*, extending across the wire side pieces and riveted at *e''* to the frame-strips. The side pieces *a* and their frames *g* are connected by the canvas strip *b*, which is suitably secured at its edges to said frames. In the upper portion of the canvas strip is the opening *c* for the introduction of grain to the basket and for the reception of the nose of the feeding animal.

d d are straps for holding the basket to the head of the animal.

The frames are preferably stiffened by wires *f*, Fig. 5, within the strips *e g*, the edges of the canvas strip being folded around the said wires. The perforated or foraminous side pieces enable the feeding animal to breathe freely without removing its nose from the basket, thus avoiding the scattering of the grain. The edge of the canvas about the nose-opening *c* is suitably bound with a strip *i* of leather or other suitable material. The bottom of the basket may be provided with eyelets *j*, passed through the canvas for the purpose of additional ventilation. The canvas strip may be somewhat narrower below than above to cause the grain to collect at the center of the bottom and allow the feeding animal to easily obtain it all. Wire ears or loops *k k* are passed through the canvas and wire pieces bent at their ends around the frame-strip *e*. The straps *d* are engaged with said ears, and fastened thereon by the rivets *d'* passed through the two portions of the strap. The loops *k''* of one of the ears *k* serve as bearings for the wire stay or brace *m*. The said brace is formed in one piece, with its ends joined at *m'*, Fig. 2, by eyes, and is similar in shape to and somewhat smaller than the side pieces of the basket, so that it may lie close against the one to which it is hinged when the basket is closed, as in Figs. 3, 4, and 5. To hold the mouth of the basket open the wire may be raised against the frame opposite to that to which it is hinged, the width of the canvas above being just enough to admit of this and yet not allow the wire when raised to fall of itself, Figs. 1 and 2.

My improved feed-basket, besides being perfectly ventilated, is light, strong, and durable in construction, and is adapted when not in use to be folded into a small compass for stowage.

I claim—

1. A feed-basket composed of two perforated or foraminous side pieces, and a flexible strip constituting a flexible connection between said side pieces and provided with a nose-opening, as set forth.

2. A feed-basket composed of two perforated or foraminous side pieces, and a flexible strip connecting the same and provided with a nose-opening, combined with a bale or brace hinged to one side piece and adapted to be turned across the basket to hold the side pieces apart, as set forth.

3. In a feed-basket, the combination, with the side pieces, composed of the wire sheets and the frames holding the same, of a flexible strip connecting said sides and having an opening *c*, as set forth.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, this 28th day of February, A. D. 1889.

JOHN H. WILLIAMS.

Witnesses:
C. F. BROWN,
A. D. HARRISON.