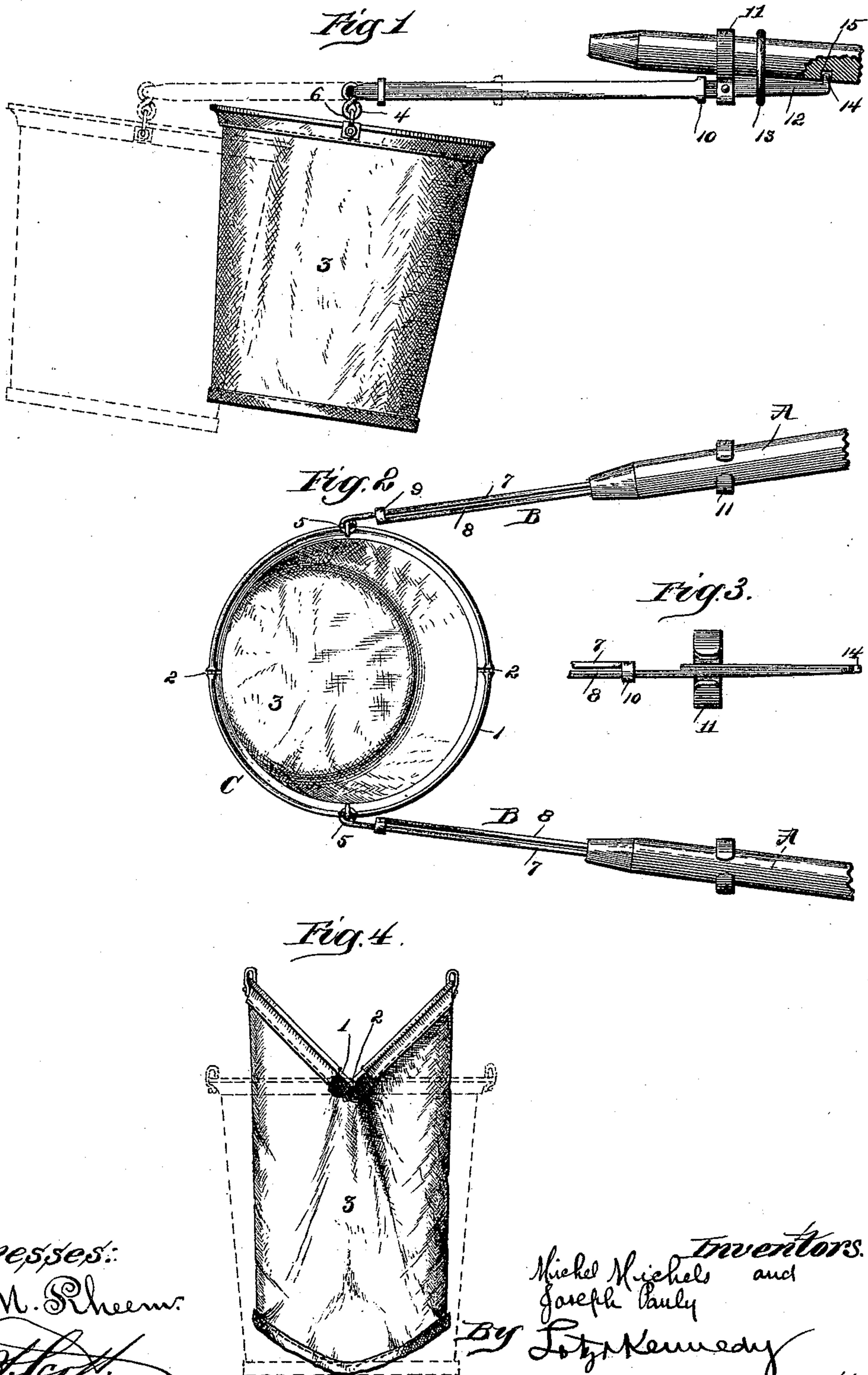


(No Model.)

M. MICHELS & J. PAULY.
FEED BAG.

No. 459,759.

Patented Sept. 22, 1891.



Witnesses:
Wm. M. Rheem.
J. H. Scott.

Inventors.
Michel Michels and
Joseph Pauly
By John Kennedy
Atty.

UNITED STATES PATENT OFFICE.

MICHEL MICHELS AND JOSEPH PAULY, OF CHICAGO, ILLINOIS.

FEED-BAG.

SPECIFICATION forming part of Letters Patent No. 459,759, dated September 22, 1891.

Application filed March 16, 1891. Serial No. 385,242. (No model.)

To all whom it may concern:

Be it known that we, MICHEL MICHELS and JOSEPH PAULY, citizens of the United States of America, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Feed-Bags, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to a novel construction in a feed bag or receptacle for holding horse-food that is to be attached to the thills of the vehicle to which the horse is hitched and hang in a convenient position to permit
15 the horse to eat therefrom.

The object of this invention is to provide a device of this character of simple and durable construction, and so constructed that it can be folded into a comparatively small area.

20 The invention consists in the features of construction and combination of parts, hereinafter fully described and specifically claimed.

In the accompanying drawings, illustrating
25 our invention, Figure 1 is a side elevation of a device constructed in accordance with our invention and attached to the front end portions of the thills of a vehicle. Fig. 2 is a plan view of the same. Fig. 3 is a detail plan
30 view of the rear end portion of one of the supporting-arms, and Fig. 4 is a detail end elevation of the feed-bag partially closed or folded.

Referring to said drawings, A indicates the forward end portions of the thills of a vehicle. B B indicate forwardly-projecting supporting-arms secured to the end portions of
35 said thills, and C indicates a feed bag or receptacle hung from the front ends of said supporting-arms. The said feed-bag is so located
40 that a horse standing between the thills can easily eat therefrom.

It is obvious that various forms of feed-receptacles can be employed; but as a convenient and preferable receptacle a bag C is used,
45 having an upper rigid ring or rim 1 hinged at opposite points on its circumference, as at 2, and provided with a flexible bag 3, preferably made of canvas. It will thus be seen that said bag can be folded or closed and will occupy a
50 comparatively small area. The said feed-bag is connected with the ends of the supporting-

arms B by swinging joints, the particular construction of which embraces links 4, connected with the eyes 5 on the ends of said supporting-arms and with eyes 6, secured to the
55 rim 1 of the feed-bag. Each of said supporting-arms B comprises an outer sliding member 7 and an inner stationary member 8. The feed-bag is secured to said sliding member 7, and said members lie flat against each other. 60
The forward end of the member 8 is provided with a loop 9, embracing the sliding member 7, and the rear end of the latter is provided with a loop 10, embracing said stationary member. It will thus be seen that the sup- 65
porting-arms are adjustable in length, so that when secured to the thills of a vehicle said feed-bag can be moved forwardly or backwardly to a position convenient for the horse to eat therefrom to make up for the different 70
lengths of thills and the position of the horse therein. The rear end portion of the stationary member of the supporting-arm is provided with the curved fingers or collars 11, that slip over the end of the thill, and in the rear of 75
said collars the member is provided with a projection 12, that rests against the under faces of the thills, thereby serving to support the said arms. The said projection 12 is tapered, as shown, so that when the said collar is placed 80
around the end portion of the thill the outer edge of the tapered portion will be located at such an angle to the thill that a ring 13 can be slipped over the tapered end portion of the stationary member and the thill and be wedged 85
upon said tapered portion to hold the same rigidly to the thill. As a further means for securing the said supporting-arm to the thill the end portion of said stationary member is provided with a lug 14, that enters a recess 90
15, made in said thill.

It is obvious that the device described and shown provides a convenient article for feeding horses hitched to vehicles, that it can be easily and quickly applied and removed from 95
the thills, and can be folded into a compact and handy form.

We claim as our invention—

1. A feed-receptacle having supporting-arms provided at their rear end portions with 100
fingers or collars adapted to receive the end portions of the thills of a vehicle, and pro-

jections in the rear of said fingers or collars adapted to rest against the bottom of said thills.

5 2. A feed-receptacle having supporting-arms provided at their rear end portions with fingers or collars adapted to receive the end portions of the thills of a vehicle, and projections having tapered edges located in the rear of said fingers or collars, and a ring adapted

to be slipped over said tapered projections to hold the same against the thills, as described.

In testimony whereof we affix our signatures in presence of two witnesses.

MICHEL MICHELS.

JOSEPH PAULY.

Witnesses:

HARRY COBB KENNEDY,

OTTO LUEBKERT.