

(No Model.)

A. PURSON.

APPARATUS FOR BATHING THE FEET OF HORSES.

No. 353,428.

Patented Nov. 30, 1886.

FIG. 1.

FIG. 2.

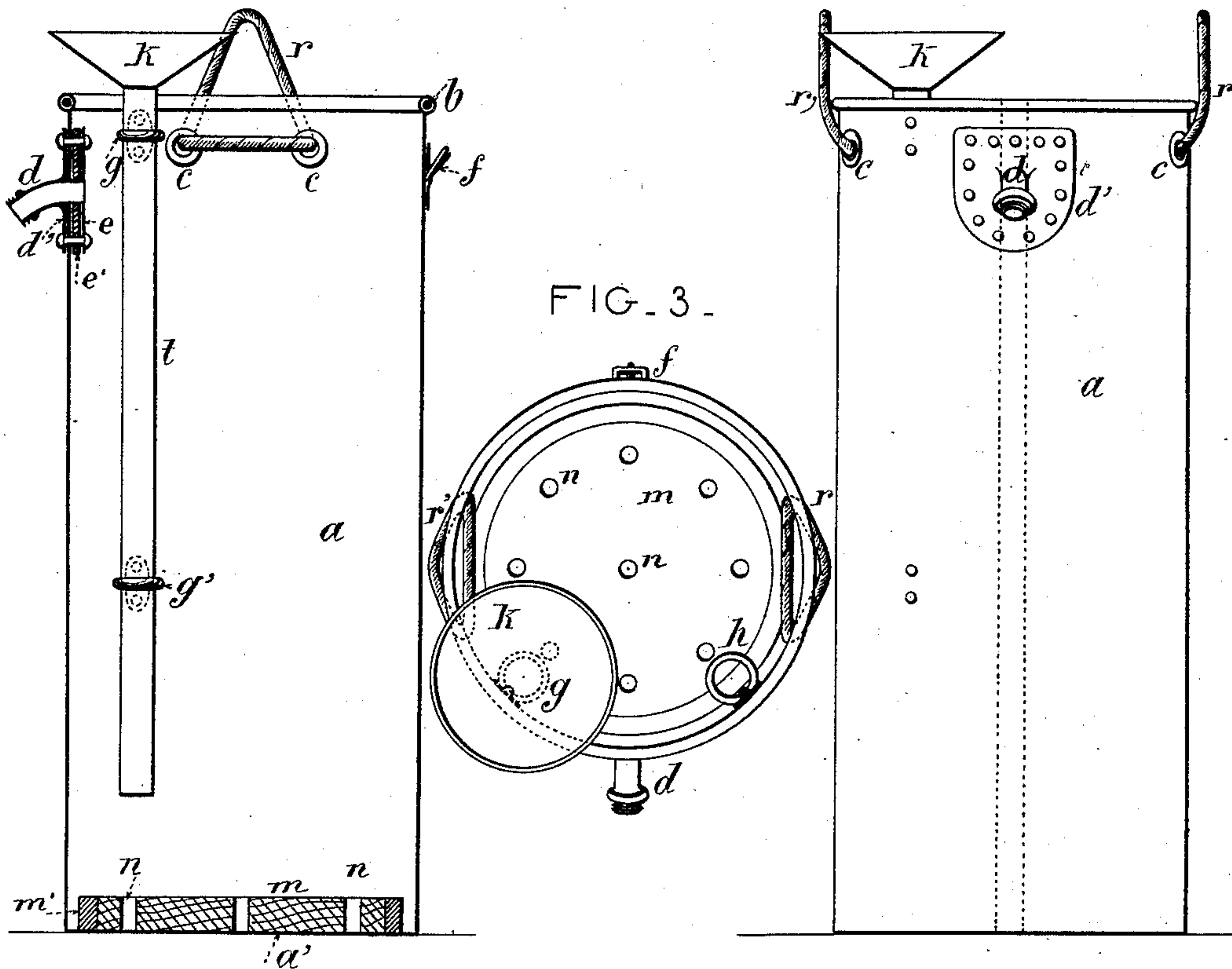
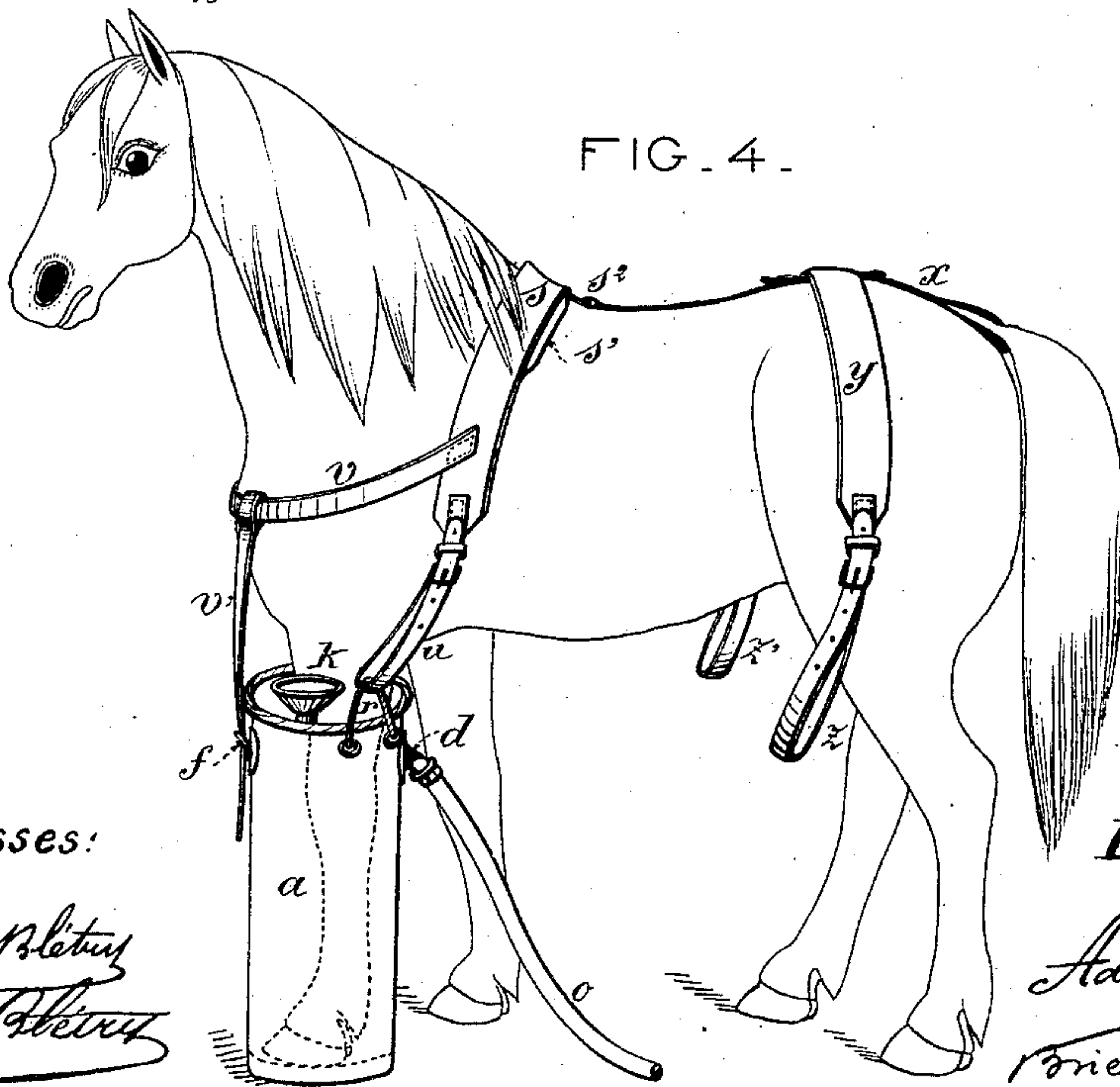


FIG. 4.



Witnesses:

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APPARATUS FOR BATHING THE FEET OF HORSES.

SPECIFICATION forming part of Letters Patent No. 353,428, dated November 30, 1886.

Application filed July 7, 1886. Serial No. 207,380. (No model.) Patented in France February 26, 1886, No. 174,342.

To all whom it may concern:

Be it known that I, ADRIEN PURSON, of Stenay, in the Department of the Meuse, France, have invented an Improved Apparatus for Bathing the Feet of Horses, (for which I have obtained Letters Patent of France for fifteen years, dated February 26, 1886, No. 174,342;) and I do hereby declare that the following is a full and exact description thereof, reference being made to the accompanying drawings.

The accompanying drawings clearly show my improved apparatus for washing the feet and legs of horses.

Figure 1 is a vertical section thereof. Fig. 2 is a side elevation, and Fig. 3 a plan, of the apparatus. Fig. 4 shows the manner of applying the same.

The apparatus consists of a cylindrical bucket or pail, *a*, made of water-proof cloth, about twenty-six inches high and eleven inches, or thereabout, in diameter. To form this cylindrical bucket or pail, a piece of cloth is folded in the direction of its height so that the two edges may overlies each other on a distance of about four-fifths of an inch. These edges are attached together by means of two seams. The bottom *a'* consists of a circular piece of the same cloth and of the same diameter as that of the cylindrical part to which it is stitched. To keep the upper edge of the pediluvium in its circular shape, a ring, *b*, of iron wire of a sufficient resistance, is inserted in a hem provided for the purpose at the upper edge of the vessel. Below this upper edge the bucket is provided with four eyes, *c c c c*, arranged at a distance of about two inches apart on each side of the two ends of the diameter perpendicular to that through which the seam passes. At the point which is diametrically opposite to the seam there is an overflow tube or nozzle, *d*, for the discharge of any excess of water. This tube or nozzle is made and attached in the following manner: It is constructed of malleable tinned cast-iron, projects outward, and is bent down under a suitable radius. At its free or outer end it is screw-threaded, while its other end is continued in the shape of a base-plate, *d'*, which is provided with a number of holes arranged at equal intervals and adapted to receive the attaching-rivets. This base-plate *d'*, in the direction of its width, exactly fits the curva-

ture of the bucket or pail. To this plate is riveted a counter-plate, *e*, exactly similar to the former. Between the two the thickness of the casing of the bucket and a sheet of india-rubber, *e'*, (similar in shape to the metal parts,) are interposed. At the upper part of the longitudinal seam a buckle, *f*, is provided for the attachment of a girth, which will be mentioned further on.

Between nozzle *d* and each of the two eyes *c* which are nearest thereto, below the upper edge, two rings of tinned iron, *g g'*, are fixed inside the bucket, in a horizontal direction, by means of flaps of cloth and rivets. At about fourteen inches below these rings, exactly opposite to them—*i. e.*, on the same two vertical lines—two similar rings, *h h'*, are arranged. A movable tube or pipe, *t*, made of cloth, freely engages within either pair of rings, *gh* or *g'h'*, thus formed, according as the bath is prepared for the right or left member of the animal, it being necessary always to place pipe *t* externally with relation to the leg. This pipe *t* is about twenty-two inches long and surmounted by a stationary funnel, *k*, equally made of cloth, and the bore and depth of which should be conveniently proportioned.

To protect the bottom *a'* of the bucket against the action of the foot of the horse, a movable bottom or disk, *m*, made of fir or other wood, may be readily inserted therein or removed therefrom. In this disk holes *n* are bored in more or less symmetrical positions. To prevent the said disk from floating, a leaden strap, *m'*, is attached by nails to its periphery.

To the screw-threaded part of nozzle *d* a pipe or hose, *o*, Fig. 4, of cloth or rubber, may be attached for the purpose of discharging water when it is deemed necessary.

Through the pairs of eyes *c c* strings *r r'* are passed, the ends of which are stitched or otherwise firmly connected together within, so as to form two permanent handles.

To keep the bucket in place while it is being used for bathing one of the fore legs of the horse, a surcingle, *s*, made of a girth and bolstered up at its supporting-points, is placed upon the counter of the horse and provided at its ends with straps *u u'*, having suitable buckles for the connection of handles *r r'* with the surcingle. Another strap or girth, *v*, is on the breast, to prevent the surcingle from mov-

ing backward; and, lastly, a removable girth, *v'*, sliding along this breast-strap with its upper end, so as to be adapted to serve either for the left or for the right member, is attached
5 by its free end to the buckle *f* of the bucket. To support the latter when it is used for washing one of the hind legs of the horse, I add to the before-mentioned surcingle a back-band or girth, *x*, attached to a buckle, *s*², arranged between the two cushions or bolstered parts *s'* at
10 the back edge of the surcingle. This back-band, which may be elongated or shortened at will, owing to the eyes, terminates in a crupper-dock, *x'*, also consisting of a girth. It carries at the level of the hips another surcingle
15 similar to that of the counter, and also provided with straps and buckles *z z'*, except that it has no bolstered part.

Having now fully described all parts of my apparatus for bathing the feet and legs of 20 horses and the manner in which it is to be applied, what I claim as my invention, and desire to secure by Letters Patent, is—

The flexible bucket or pail of water-proof cloth, the same being constructed with the 25 eyes *c c*, and combined with inner rings, *g g'*, discharge-pipe *d*, and weighted removable bottom *m*, substantially as herein shown and described.

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Witnesses:

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