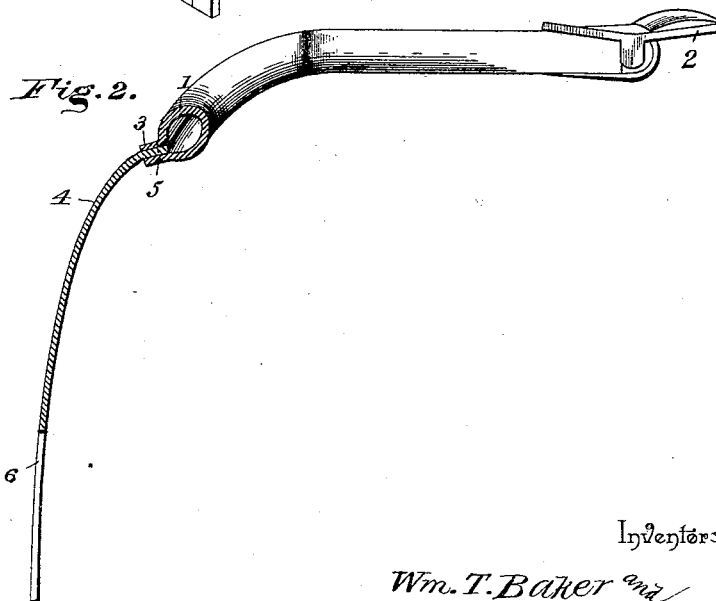
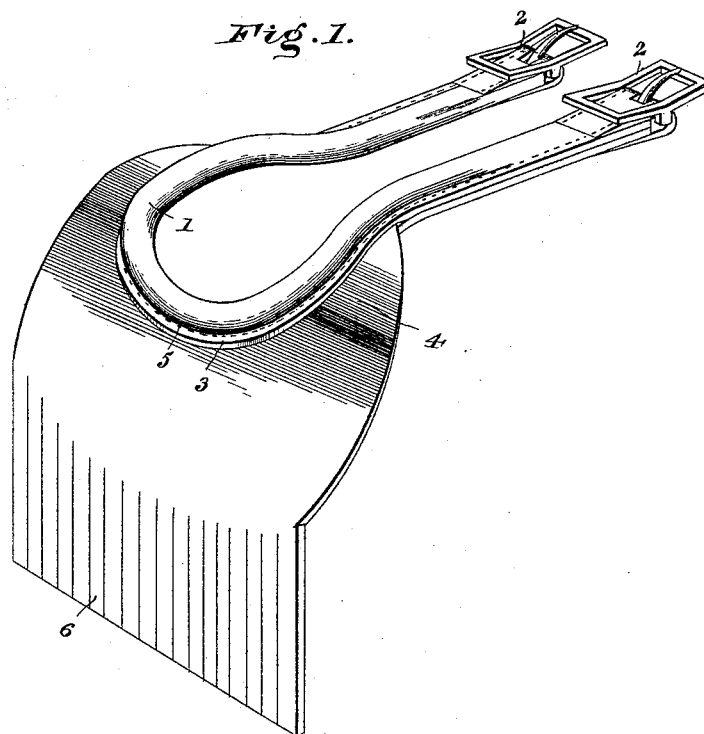


(No Model.)

W. T. BAKER & T. B. DORIS.
GRUPPER.

No. 493,572.

Patented Mar. 14, 1893.



Witnesses

J. W. Lee, Jr.
J. H. Diggers,

Inventors

Wm. T. Baker and
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By their Attorneys,

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UNITED STATES PATENT OFFICE.

WILLIAM T. BAKER AND THOMAS B. DORIS, OF PROVIDENCE, KENTUCKY.

CRUPPER.

SPECIFICATION forming part of Letters Patent No. 493,572, dated March 14, 1893.

Application filed November 11, 1892. Serial No. 451,684. (No model.)

To all whom it may concern:

Be it known that we, WILLIAM T. BAKER and THOMAS B. DORIS, citizens of the United States, residing at Providence, in the county of Webster and State of Kentucky, have invented a new and useful Crupper-Dock, of which the following is a specification.

This invention relates to improvements in cruppers; the object in view being to so construct the same as to extend down and cover from view of the occupants of a vehicle the anus of the horse, and also prevent splashing the occupants, vehicle, and harness with excrement or manure and urine.

With these objects in view our invention consists in certain features of construction hereinafter specified and particularly pointed out in the claims.

Referring to the drawings: Figure 1 is a perspective view of a crupper embodying our invention. Fig. 2 is a longitudinal sectional view thereof.

Like numerals of reference indicate like parts in both the figures of the drawings.

The crupper-loop 1, is formed, as is usual, of a single piece of leather; and terminates at its front ends in the buckles, 2, the two edges 3, of the leather blank ordinarily being sewed and molded. In the present instance, however, before sewing the edges 3, we insert thereinbetween the upper edge of a leather apron 4, or, the same may be formed of other material, as preferred. This apron or shield has its upper or front edge cut out or curved to agree with the general contour of the crupper loop by whose edges it is embraced. The three thicknesses of material are then stitched

as at 5, or otherwise secured together in any of the well-known ways. The apron or shield is of sufficient length to extend down in front of and slightly below the anus of the horse so as to completely cover or hide the same, and, as in the present instance, the lower edge thereof may be regularly slit forming an ornamental fringe 6, though this may be omitted. When employed however the same remains flexible and the apron is not stiffened from frequent wetting and drying.

By the employment of our invention, the driving-lines cannot be caught by the tail of the horse and become soiled by contacting with urine and excrement; nor can urine and excrement be flung into the faces, or over the clothes of the occupants, or the carriage and harness; and finally the anus during operation is wholly hidden from view.

Having described our invention, what we claim is—

1. A crupper, the loop-portion of which has depending therefrom the flat leather apron secured at its upper edge to said loop substantially as specified.

2. A crupper, the loop-portion of which has depending therefrom a flat apron, the lower edge of which is at intervals slit rendering the same flexible, substantially as specified.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in the presence of two witnesses.

WM. T. BAKER.
THOS. B. DORIS.

Witnesses:

B. F. JENNINGS,
CARL DORRIS.