

A. Du CHATEAU & J. D. WILLIAMS.

Folding Pails.

No. 144,893.

Patented Nov. 25, 1873.

Fig. 1.

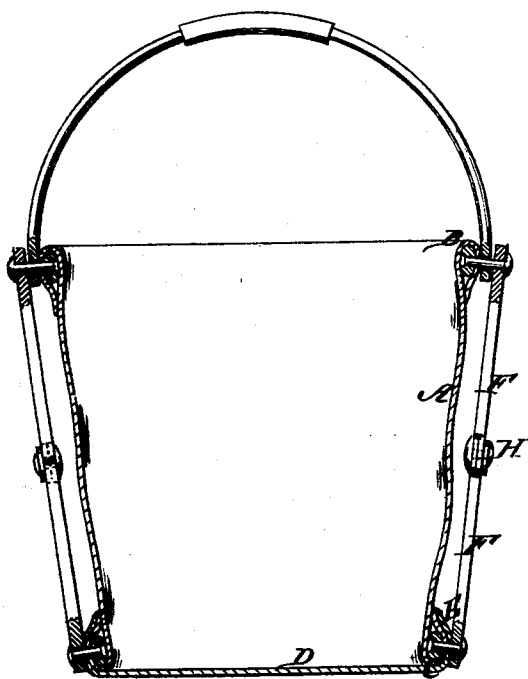
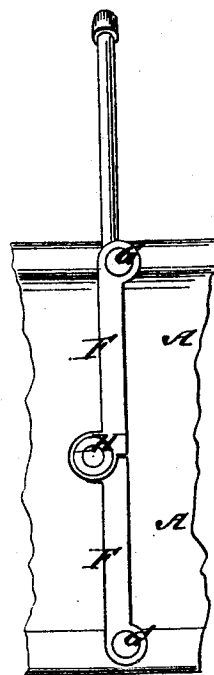


Fig. 2.



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UNITED STATES PATENT OFFICE.

ABEILLARD DU CHATEAU AND JOHN D. WILLIAMS, OF GREEN BAY, WIS.

IMPROVEMENT IN FOLDING PAILS.

Specification forming part of Letters Patent No. **144,893**, dated November 25, 1873; application filed May 10, 1873.

To all whom it may concern:

Be it known that we, ABEILLARD DU CHATEAU and JOHN D. WILLIAMS, of Green Bay, in the county of Brown and State of Wisconsin, have invented a new and Improved Folding Pail, of which the following is a specification:

Our invention consists of a folding pail, composed of an india-rubber or other suitable elastic tube for the body, a metal hoop or band at the top and bottom, a wood, rubber, or other suitable bottom, and brace-rods connecting the top and bottom hoops, said rods being jointed to the hoops and jointed together, so that when the pail is to be used, they can be extended to extend the tube, and will hold it in the extended condition; and they can be folded down so as to fold the tube into a small, flat, compact package for convenience in carrying it in a wagon for use in watering horses and the like. The brace-rods are arranged on the outside of the tube, and connected to the upper hoop by the same connection by which the bail is attached, and so suspend the weight directly from the bail.

Figure 1 is a sectional elevation of our improved pail, and Fig. 2 is a side elevation of a portion of it.

Similar letters of reference indicate corresponding parts.

A is the tube, of india-rubber or other suitable flexible material. B is the top hoop, and C the bottom one. They are preferably made of, say, round or half-round iron, and secured

by folding the ends of the tube over them and uniting them to the outside, which may be done by cement or by the vulcanizing process. D represents the bottom, which may be of the same material as the tube, or it may be of wood or metal. If of metal or rubber, it may be secured by a flange, E, folded up over the hoop and secured by rivets, or in any other way by which it can be made water-tight. The rivets will not pass through the tube. F represents the braces for holding the pail in the extended condition. They are jointed to the hoops, at G, and jointed together, at H, by a rule or any similar joint, which will maintain them in the extended condition.

These pails can be constructed as cheap as wooden pails. They will not be affected by atmospheric influences, and will be more durable than wood or tin pails, and will be found very convenient in many cases, on account of the small space they occupy when folded.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

A folding pail, composed of the india-rubber or other equivalent elastic tube A, hoops B C, rubber, metal, or wood bottom D, and the folding braces F, all substantially as specified.

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