March 23 , 1926. 1,577,774

U. P. TARBOX

MOP

Filed Dec. 29, 1924

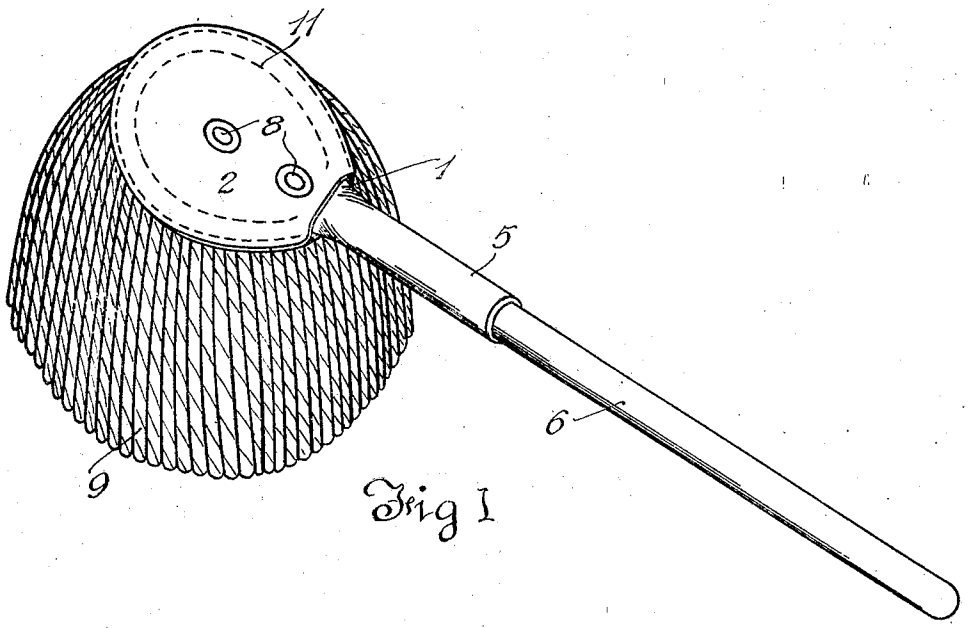


Fig 1

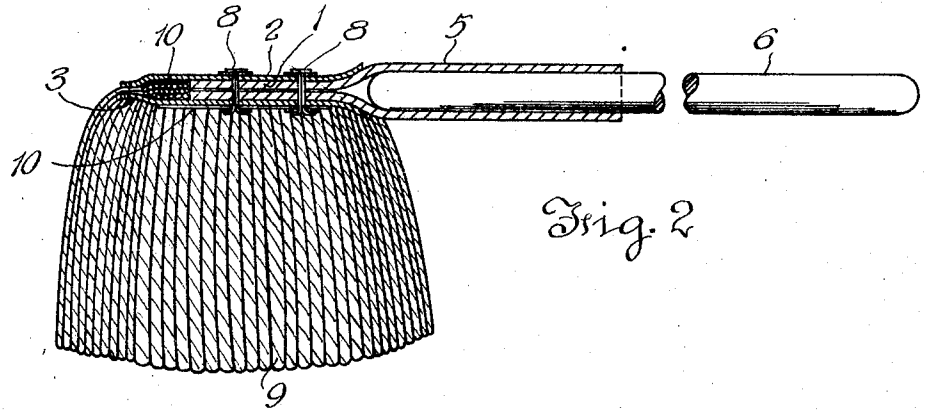


Fig. 2

Albert P. Tarbox

per Chas. A. Rueb

Attorney

Patented Mar. 23, 1926. 1,577,774

UNITED STATES PATENT OFFICE.

UBERT PETTINGILL TARBOX, OF TORONTO, ONTARIO, CANADA.

MOP.

Application filed December 29, 1924. Serial No. 758,500.

To all whom it may concern:

Be it known that I, UBERT PETTINGILL TARBOX, a citizen of the United States, residing at the city of Toronto, in the county of York and Province of Ontario, Dominion of Canada, have invented certain new and useful Improvements in Mops; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to a mop, pliant in all directions, comprising a head, to which is secured mop cloth, yarn, chamois skin, or other absorbent material, and a flexible stem to which this head is attached whereby the mop will adapt itself, automatically, to the surface with which it is in contact, regardless of the contour of such surface.

Heretofore mops have been made for various purposes, including the washing of motor cars, but none of the known types have been pliant in all directions and consequently have not been satisfactory for cleaning motor driven, and animal drawn, vehicles owing to the sharp angles and changes of curvatures in the contour of the vehicle body and undercarriage.

The object of my invention, therefore, is to devise a mop that will exert sufficient pressure for the removal of mud, and like substances, and which will not injure, when used with reasonable care, the surface being cleansed, and which will adapt itself, automatically, to the contour of such surface, this object being attained by the construction hereinafter described and illustrated in the drawings, in which:—

Fig. 1 is a perspective view of a mop constructed according to my invention; and

Fig. 2 is a longitudinal section of the same.

Like characters of reference refer to like parts throughout the specification and drawings.

The underlying principle of my invention is the construction of a mop that will exert an even pressure over the whole surface with which it is in contact and yet be sufficiently pliant to yield to the changes in the contour of such surface.

To that end the mop head is flexible both laterally and longitudinally and in the direction of and away from said surface.

This mop head may be constructed in various ways and from various materials but in the preferred construction it comprises a flexible stem 1, and two flexible discs 2 and 3, arranged on opposite sides of, and secured together through, the stem.

This stem extends beyond the discs and its projecting part 5 serves as a short handle and is of a tubular formation to receive a relatively long handle bar 6. A piece of rubber tubing may be used as the stem with that part of the tubing between the discs flattened and that part, which projects beyond the discs, of a tubular shape to serve as a socket for a rigid handle.

On one side of the flattened part of the stem is the disc 2 and on the other side is the disc 3, secured together through the stem either by rivets 8 or any other suitable fastening devices.

Yarn 9, secured to tape 10, is attached to and extends beyond, the discs, and a convenient, though not necessary, method of doing this is to sew the yarn to the discs by stitches 11 so that when the discs are secured together the stitches are protected from excessive strain or wear, but other material such as mop cloth, chamois skin or the like may be substituted for the yarn.

The discs may be made of any flexible material but I prefer to make them of leather as this material has been found most satisfactory for the purpose.

When the mop is made in this way it will readily adapt itself to the surface being cleaned and exert sufficient pressure on such surface for the removal of the adhering substances.

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent is:

1. A mop comprising a flexible stem, a handle for said stem, two flexible discs secured to the stem, on opposite sides thereof, and absorbent material secured to, and extending beyond, the said discs.

2. A mop comprising a flexible stem, a handle for said stem, two flexible discs secured to the stem on opposite sides thereof, and absorbent material secured to the inner faces of, and extending beyond, the discs.

3. A mop comprising a flexible stem, two

flexible discs secured to the stem, on opposite sides thereof, absorbent material secured to, and extending beyond, the said discs, and a tubular projection of said stem extending beyond the discs.

4. A mop comprising a flexible stem, two flexible discs secured to the stem on opposite sides thereof, absorbent material secured to the inner faces of, and extending beyond, the discs, and a tubular projection of said stem extending beyond the discs.

Dated at the said city of Toronto, this eighth day of December, 1924.

UBERT PETTINGILL TARBOX.