

E. W. LEAVENS.

Car Washers.

No. 134,295.

Patented Dec. 24, 1872.

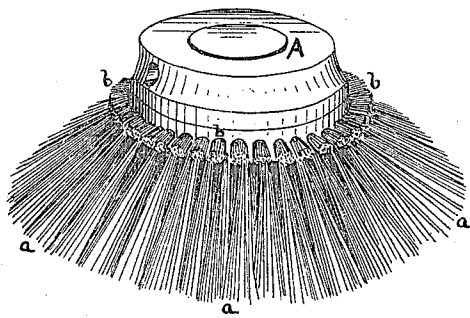


Fig. 1.

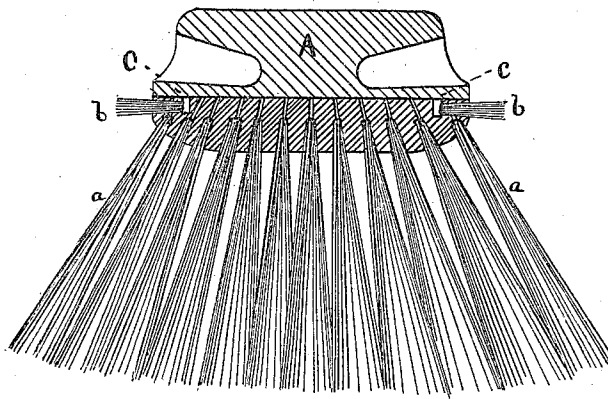


Fig. 2

WITNESSES

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UNITED STATES PATENT OFFICE.

ERASTUS W. LEAVENS, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN CAR-WASHERS.

Specification forming part of Letters Patent No. 134,295, dated December 24, 1872.

To all whom it may concern:

Be it known that I, ERASTUS W. LEAVENS, of Boston, in the county of Suffolk and State of Massachusetts, have invented an Improvement in Car-Washers, or Brushes for similar uses, of which the following is a specification:

Nature and Object of the Invention.

The nature of the invention consists in constructing a brush with a row of short projecting bristles, thickly set in the rim or fillet of an ordinary brush, known as a car-washer, and brushes for similar uses; said row of bristles standing at or nearly at right angles to the lower surface of the brush in which the bristles are set; and the purpose or object of the invention is to protect glass and wood-work from injury in washing the same. Various devices have been employed to serve the same purpose, especially India rubber in the shape of a band held in place by a groove; and the improvement consists in the use of bristles so arranged in the fillet of the brush-head as to answer the purpose intended.

Description of the Accompanying Drawing.

Figure 1 is an elevation, showing the form of the invention. Fig. 2 is a section of the same.

The letter A represents the brush-head; *a*, the bristles; *b b*, the short projecting row of bristles; and *c c*, the furrow into or toward which the short bristles are drawn.

General Description.

The brush is of the ordinary form, with round head, as generally used in car-washers and similar uses, although I do not confine the invention to any particular form of brush. Fig. 1 in the accompanying drawing shows the brush complete without the handle. In order to fasten the short projecting bristles I cut a furrow in that part of the brush-head in which the bristles are fastened, near the rim or outer edge. (See Fig. 2 at *c c*.) The holes for the bristles run into the furrow, and then the bristles are drawn in with wire or its equivalent; or the bristles may be cemented. The top part of the brush-head is then fastened to the lower part in the ordinary way.

These short projecting bristles, thickly set in the rim or fillet of the brush-head, prevent the wood of the brush from striking the glass or furniture; and are an improvement upon any mode of accomplishing this purpose now in use.

I claim—

A car-washer, or brush for similar uses, provided with a row of bristles around the periphery of the brush-head, and constructed substantially in the manner and for the purpose set forth.

ERASTUS W. LEAVENS.

Witnesses:

JOHN D. TOWLE,
J. L. NEWTON.