

M. J. SUNDERLIN.
Fountain-Brush.

No. 219,324.

Patented Sept. 2, 1879.

Fig: 1.

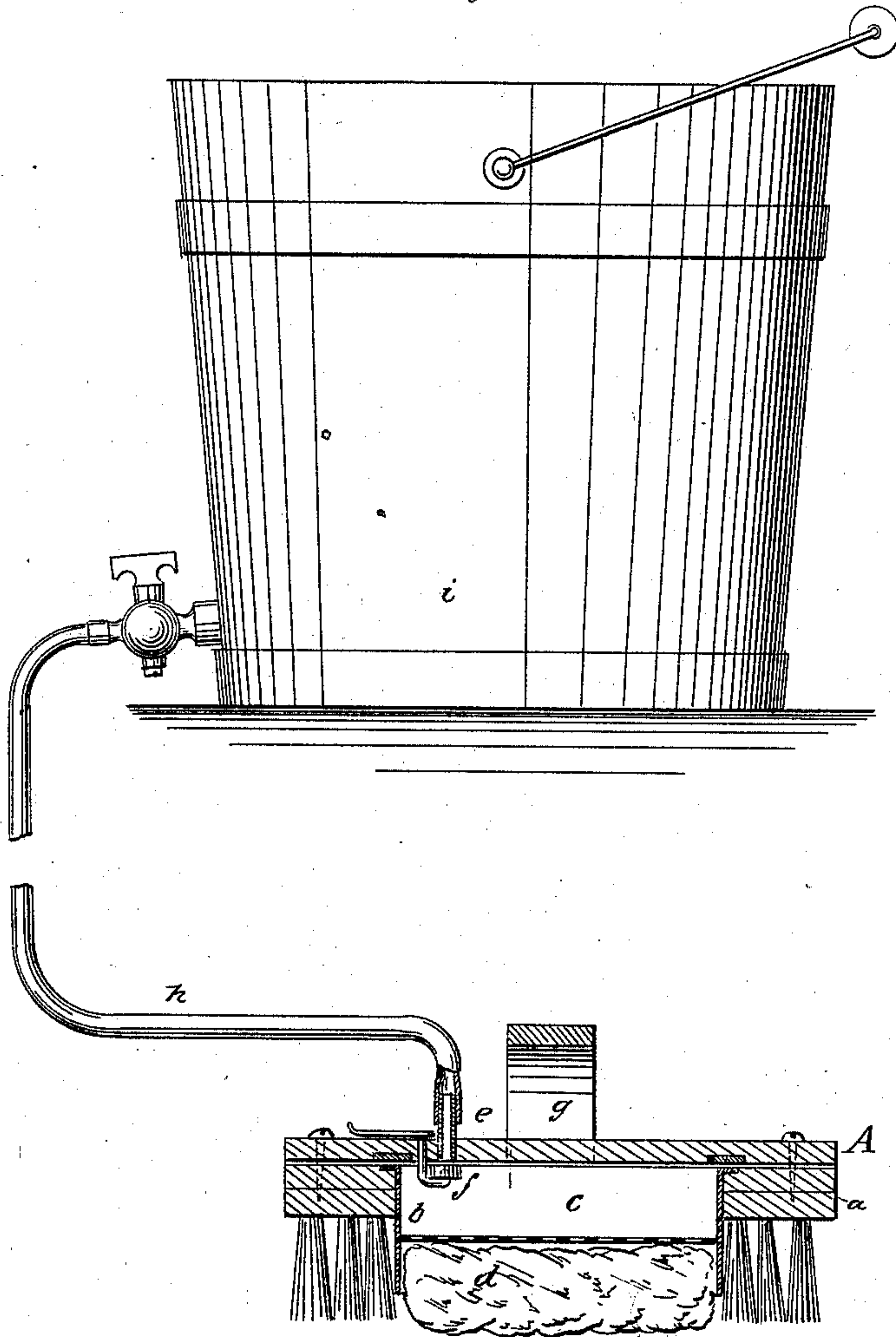
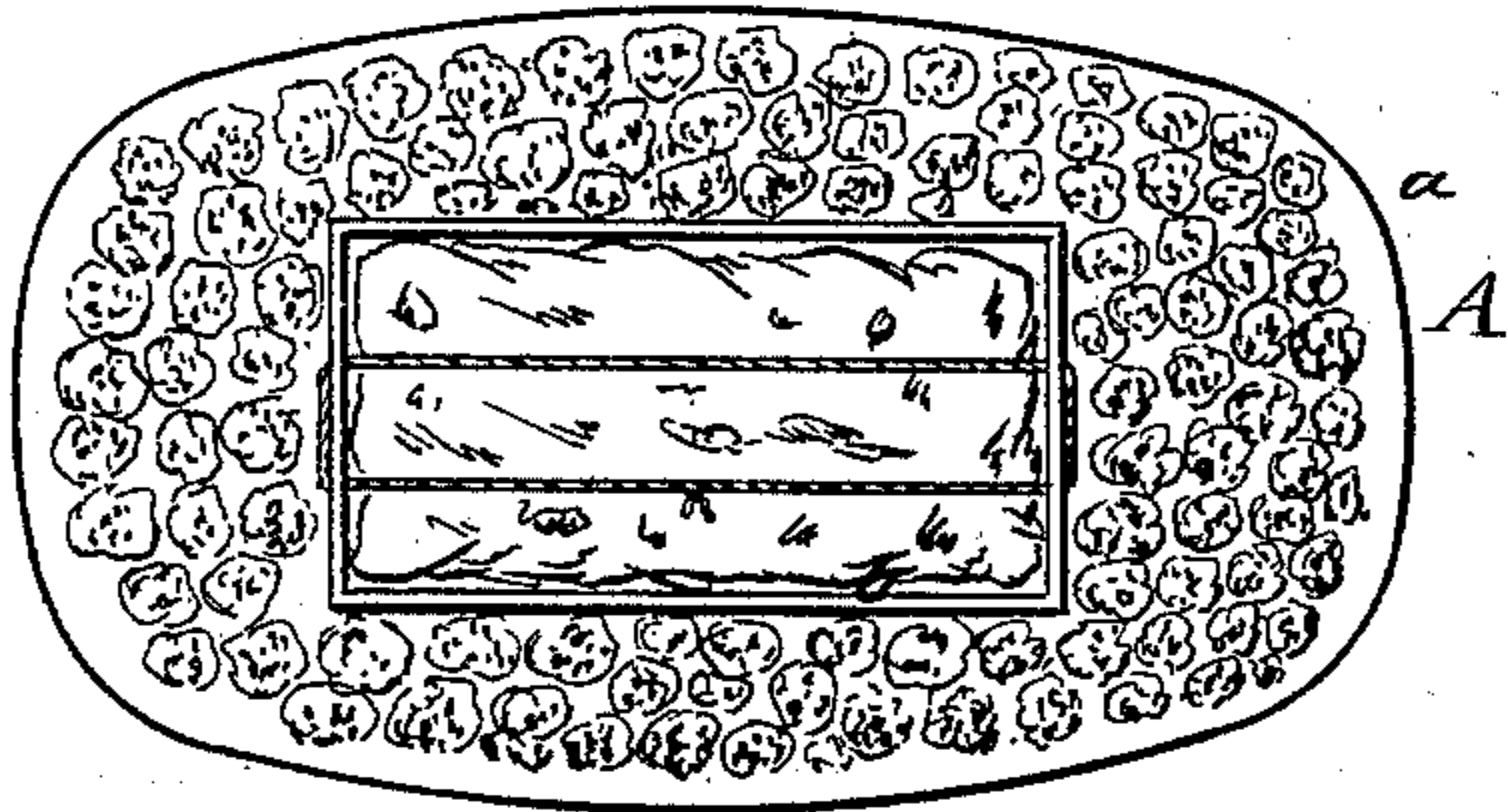


Fig: 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

MARTIN J. SUNDERLIN, OF WATKINS, NEW YORK.

IMPROVEMENT IN FOUNTAIN-BRUSHES.

Specification forming part of Letters Patent No. **219,324**, dated September 2, 1879; application filed July 2, 1879.

To all whom it may concern:

Be it known that I, MARTIN J. SUNDERLIN, of Watkins, in the county of Schuyler and State of New York, have invented a new and Improved Apparatus for Cleaning, Scrubbing, Shampooing, &c., of which the following is a specification.

This apparatus is designed for washing and cleansing horses, mules, and cattle, and articles such as wagons, carriages, &c., and also for washing and shampooing the human head and body.

The invention consists in a brush having combined with it a sponge or other porous substance, and formed with a water-distributing chamber, flexible pipe or tube for supplying water, and a cut-off or regulator for controlling the supply, these parts being arranged for use in such a manner that the water from a suitable source of supply is conducted to the distributing-chamber in the brush, and passes to the sponge, from whence it passes in a uniform and continuous supply to the object or surface to be cleansed and into the brush, thereby permitting the operations of cleaning, scrubbing, and shampooing without the necessity of dipping or rinsing the brush, and avoiding the annoyance and trouble incident to the usual manner of carrying out such operations.

The construction of the apparatus and its uses will be more particularly described in connection with the accompanying drawings, wherein—

Figure 1 is a sectional elevation of the apparatus. Fig. 2 is a face view of the brush.

Similar letters of reference indicate corresponding parts.

The brush A may be of any desired shape, and will be made with hard or soft bristles or other material, according to the intended uses. The central portion of the head *a* is cut out and fitted with a metal case, *b*, which is divided by a perforated partition into an upper water-chamber, *c*, and lower sponge-chamber, *d*.

In the chamber *d* is fitted a piece of sponge

or other suitable porous material, held in place by cords, so that it may be readily renewed when required.

The chamber *d* is covered by a cap attached upon the back of the brush, and in the cap is a short tube, *e*, that communicates with chamber *c*.

A swinging valve or cut-off, *f*, is fitted in connection with the pipe *e*, and has a finger-lever at the back of the brush, whereby the valve may be operated to close the pipe more or less.

The brush A is fitted with a handle, *g*, by which it can be held and manipulated.

Upon the end of pipe *e* a flexible tube, *h*, is attached, which tube is connected with an elevated or other source of water-supply, such as a bucket, as at *i*, or hydrant with a cock or faucet, whereby the required supply of water may be obtained.

In operation, the water passes by the pipe *h* to the chamber *c*, and through the perforated partition to the sponge and brush and surface to be cleansed, and the flow is regulated by the valve *f*, as desired by the operator.

This apparatus is especially valuable and useful for cleaning horses, both as a matter of convenience and saving of labor to the operator, and as a means for preserving the health of the horse. It is designed to be used as an entire substitute for the usual currying and brushing operation after the dirt, scurf, and other collections have become dry, and permits the removal of such matter and the thorough cleaning of the horse without scraping, and without the inconvenience and danger of breathing the dried dust and exhalation from the horse.

Either cold or hot water may be used, and in the latter case the water will not be cooled by exposure.

The apparatus is also convenient for use in shampooing the human head and body, and the user can operate upon himself without assistance.

For washing carriages, wagons, and other

objects, the apparatus is much more convenient, cleanly, and efficient than any means heretofore made use of.

I do not limit myself to the brush exactly as described, as such construction may be varied without departing from my invention.

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

The apparatus for scrubbing, cleaning, and shampooing, consisting of the brush *A*, formed with the water-receptacle *c*, sponge-receptacle *d*, pipe *e*, and flexible supply-tube *h*, substantially as and for the purposes described.

MARTIN J. SUNDERLIN.

Witnesses:

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AMBROSE C. PIKE.