

M. J. SUNDERLIN.  
Apparatus for Cleaning Horses.

No. 226,565.

Patented April 13, 1880.

Fig. 1

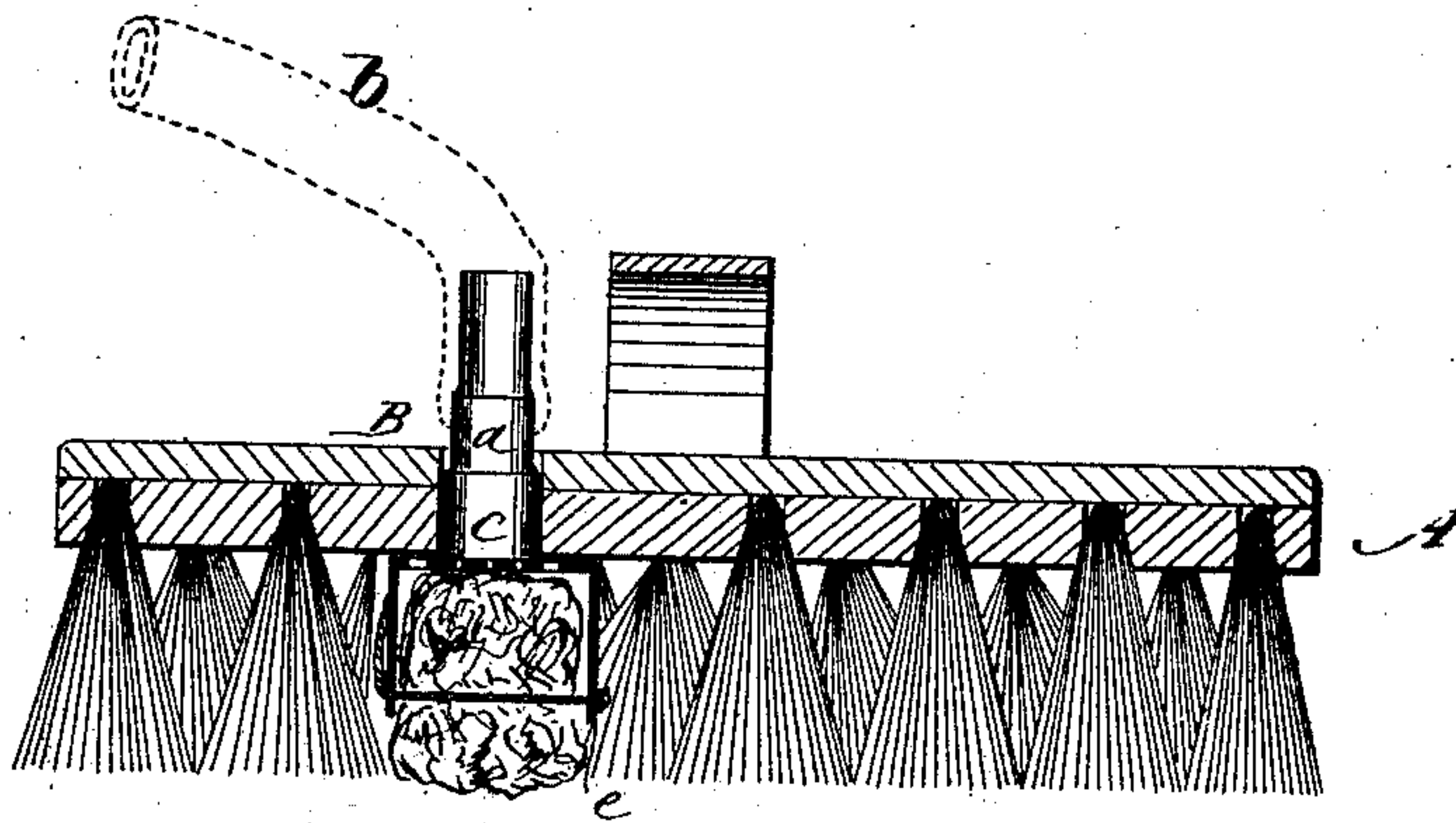


Fig. 2

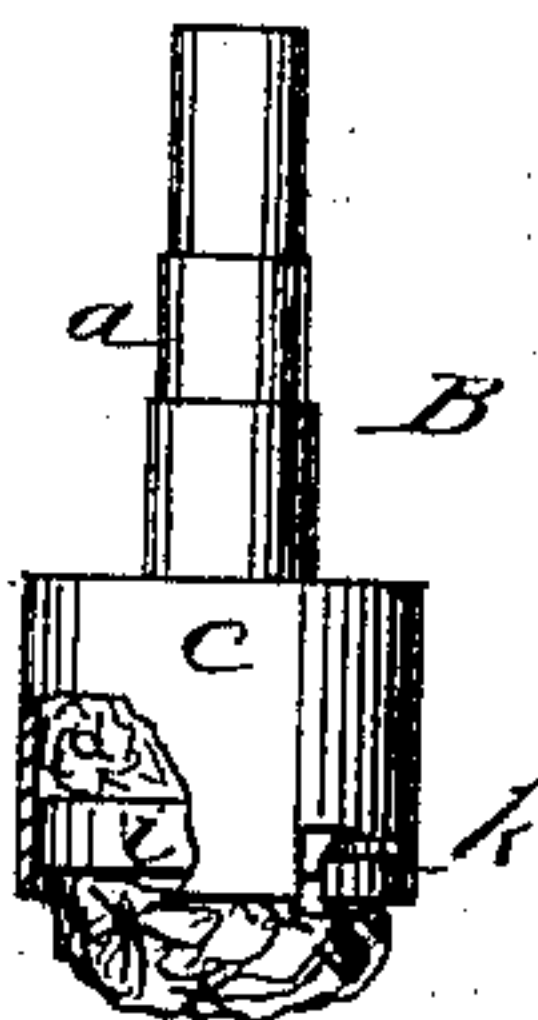
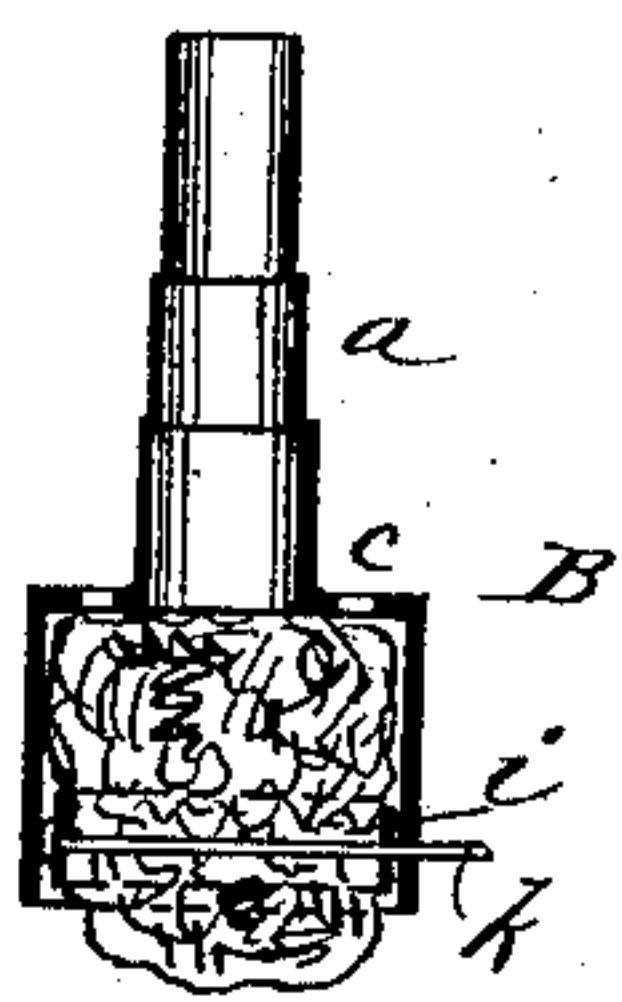


Fig. 3



WITNESSES:

*C. N. N. N.*  
*C. Sedgwick*

INVENTOR:

*M. J. Sunderlin*  
BY *M. J. Sunderlin*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

MARTIN J. SUNDERLIN, OF WATKINS, NEW YORK.

## APPARATUS FOR CLEANING HORSES.

SPECIFICATION forming part of Letters Patent No. 226,565, dated April 13, 1880.

Application filed September 1, 1879.

*To all whom it may concern:*

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

The present invention is an improvement upon apparatus for which Letters Patent have been allowed to me, which apparatus consists, essentially, of a brush for cleaning horses, carriages, &c., a flexible pipe supplying water to the brush from an elevated or other source of water-supply; and the object of the present improvement is to simplify and cheapen the construction.

Figure 1 is a sectional elevation of the improved brush. Figs. 2 and 3 represent elevations, in detail and partly in section, of the sponge-receptacle.

Similar letters of reference indicate corresponding parts.

The brush A is of any usual or desired character adapted for the special purpose, and is fitted with the water-nozzle and sponge holder or receptacle B. This holder B consists of a tubular portion, *a*, that passes through the brush-head to the back for connection of the flexible water-supply pipe *b*, to which portion *a* a cup-like head, *c*, is attached for holding the sponge, and is perforated for the water to pass to the sponge and brush and surface to be cleaned.

The cup-like head *c* may be perforated with numerous small holes, as shown in Fig. 1, so that the water will pass in numerous jets, or there may be a single full-sized opening, as shown in Fig. 3, which will permit the water to pass in a solid stream. The head is formed cup-shaped, the sides serving to hold the sponge in place, or, when the sponge is not used, to direct the water and protect it from interference by the bending of the bristles.

The sponge is shown in Fig. 1 as held in place by a cord, *e*, which passes through holes in the side of the holder and through the sponge. The cord will be long, so that the sponge may be removed without being detached.

In Figs. 2 and 3 the sponge is shown attached in a ring, *i*, by a cross-pin, *k*, and the ring held in the holder B by the projecting end of pin *k* engaging with the holder in the manner of a bayonet-joint.

In use the water supplied by pipe *b* saturates the sponge, and is discharged upon the surface being operated upon while the brush is being manipulated by hand. When the sponge is removed the water will be discharged in a stream or jets upon the surface to wash and rinse the same.

The construction shown dispenses with the separate water-chamber heretofore used in the sponge-receptacle, avoids the necessity of cutting a large opening in the brush-head to receive the sponge-receptacle, and is much cheaper and more convenient for use.

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

1. In a horse-cleaning device, the sponge-holder B, having the tube *a* passed through the back of brush A, and provided with the perforated head *c*, as shown and described.

2. The combination of the ring *i* and the pin *k*, the latter crossing the sponge-holder, projecting therefrom, and forming a bayonet-joint therewith, as and for the purpose specified.

MARTIN J. SUNDERLIN.

Witnesses:

JOEL VOUK,  
THOMAS POWERS.