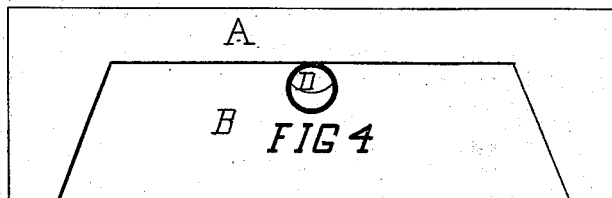
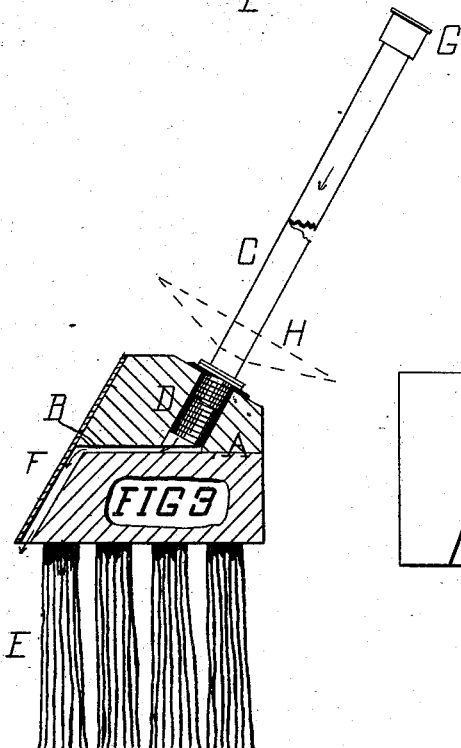
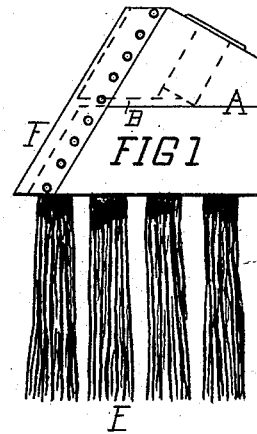
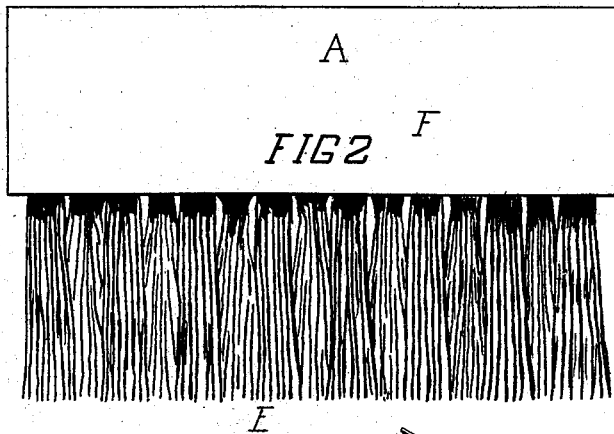


H. T. HELMBOLD.

Water-Brush.

No. 168,093.

Patented Sept. 28, 1875.



WITNESSES  
*Saml W Simms*  
*John J Hargadon*

INVENTOR  
*Horace J. Helmbold*  
*by Francis D. Factorius*  
*Atty*

# UNITED STATES PATENT OFFICE.

HORACE T. HELMBOLD, OF PHILADELPHIA, PENNSYLVANIA.

## IMPROVEMENT IN WATER-BRUSHES.

Specification forming part of Letters Patent No. **168,093**, dated September 28, 1875; application filed July 16, 1875.

*To all whom it may concern:*

Be it known that I, HORACE T. HELMBOLD, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Water-Brush, of which the following is a specification:

The invention consists of the combination, in a water-brush, of a body or block bristles, spray-chamber, water-pipe, and a spray-deflector, as is hereinafter shown and described.

Figure 1 is an end view. Fig. 2 is a front view. Fig. 3 is a sectioned view of Fig. 2. Fig. 4 is a plan view of the spray-chamber.

A is a block, of the usual external appearance, the interior of which is hollowed out to form a spray-chamber, B, to spread the water as it is delivered from the pipe C through the screw-nozzle D to the block. The front of the block is inclined outwardly toward the bristles E, and covered by a spray-deflector, F. The top of the block is suitably inclined to obviate the use of a goose-neck attachment for the handle supply-pipe C.

When the supply-pipe and handle C is attached to a hydrant-hose by its screw-swivel G, the water passes through it and its attach-

ments into the block A, and is delivered in and spread over the spray-chamber B, from which it issues against the spray-deflector F, which directs it in front of the bristles E.

The tendency of the water dripping from the brush, when elevated, is to run down the handle and wet the operator, to prevent which I use a rubber bag or washer, H, (dotted lines,) over the pipe or handle, near the brush, to catch the drippings.

When a sponge is to be used instead of the bristles, a row of cord-holes can be made in the front of the block, through which tie-cords can be passed.

I claim—

In a water-brush, the combination of the block A, bristles E, spray-chamber B, pipe C, and the spray-deflector F, as shown and described.

In testimony whereof I hereunto sign my name in presence of two subscribing witnesses.

HORACE T. HELMBOLD.

Witnesses:

GEO. C. SHELMEKDINE,  
FRANCIS D. PASTORIUS.