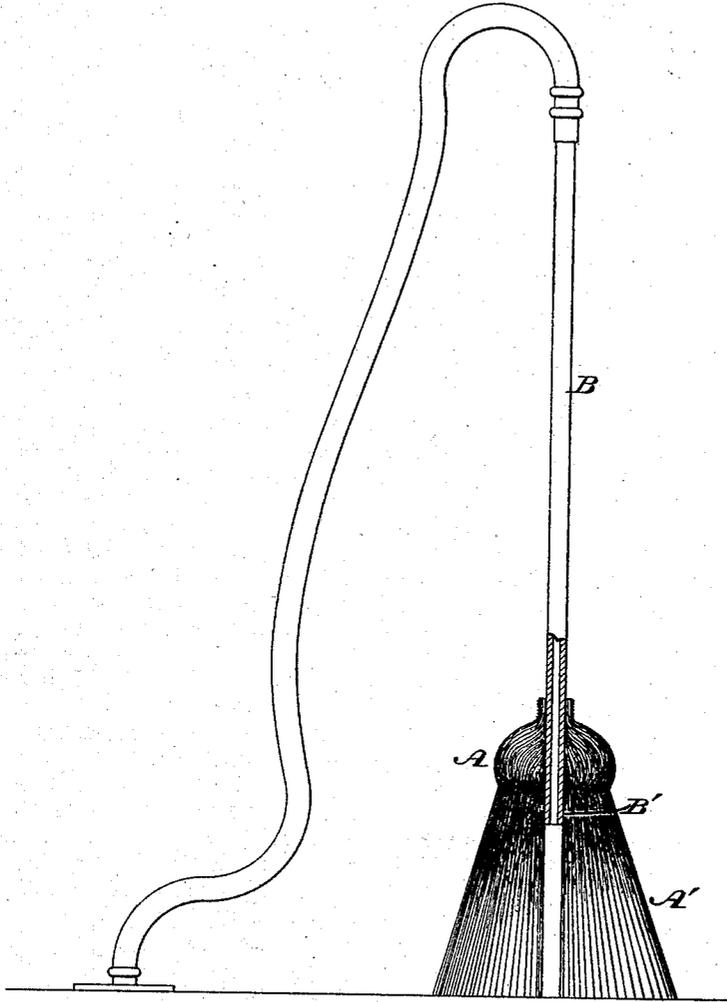


(No Model.)

E. Q. BOWMAN.
BROOM.

No. 273,941.

Patented Mar. 13, 1883.



WITNESSES:

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UNITED STATES PATENT OFFICE.

EDMUND Q. BOWMAN, OF PHILADELPHIA, PENNSYLVANIA.

BROOM.

SPECIFICATION forming part of Letters Patent No. 273,941, dated March 13, 1883.

Application filed June 1, 1882. (No model.)

To all whom it may concern:

Be it known that I, EDMUND Q. BOWMAN, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Brooms, which improvement is fully set forth in the following specification and accompanying drawing, in which the figure is a side elevation, partly sectional, of a broom embodying my invention.

My invention relates to improvements in brooms provided with hollow handles, whereby water may be directed through the handles to the working parts of said brooms.

The invention consists of a hollow broom-handle having an extended portion which passes beyond the bunched head of the broom, is formed integral with the handle, and presents the appearance and all the advantages of an ordinary wooden broomstick. The hollow handle, with the extended portion which passes beyond the bunched head of the broom, is formed of one piece or integral, so as to be without joint and thus made strong, and presents the appearance and has all the advantages of an ordinary wooden broomstick.

Referring to the drawing, A represents the head of a broom, A' the working portion of the bunch of corn or other material of the broom, and B the handle, which is hollow and provided with means for attaching it to a hose, the latter being in communication with a wash-pail or other water-supply. The hollow handle is passed through the broom-head A and extended beyond the same, as at B', so as to project into the working portion A' of the broom.

It will be seen that when the hose is connected with the handle B and the water turned on the water is passed through the handle and may be directed, after the manner of a branch pipe, against a pavement or other locality or place requiring the use of the water. Simultaneously therewith the broom may be used, the water thus being conveniently supplied

thereto at the place of service. It will also be seen that the bunch of corn, &c., does not obstruct the passage of the water, and thus the escape of the water laterally through the bunch is prevented, so that the operator can stand close to the broom without liability of being sprinkled. When the broom is used overhead or in an inclined position upwardly, the water, being directed clear through the head without being deflected by the corn, &c., is prevented from running down the handle, the convenience of which will be readily appreciated by those who hold the broom or brush.

The portion of the handle within the head part of the broom serves to sustain said part and connect the same with the handle, similar to solid handles in use; but the open end of the handle appears as has been stated, and serves the purpose of a branch pipe, with the advantages set forth.

I am aware that it is not new to provide the heads of brushes with tubes or chutes which project into the knots or bristles and extend toward the working ends thereof; but in such cases said tubes or chutes are pieces separate from the handle, and are not applied to brooms having bunched heads of usual construction, and the handles do not present the appearance of usual wooden broomsticks, wherefore I have made an improvement in the art.

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

The improvement in brooms, consisting of a bunched head, A, and working part A', of ordinary broom construction, and a hollow stick, B, which is fitted into the bunched head and provided with an extension, B', which projects into the part A', said stick and the extension being integral, all as set forth.

EDMUND Q. BOWMAN.

Witnesses:

JOHN A. WIEDERSHEIM,
A. P. GRANT.