

W. C. Spellman,

Broom.

No. 100,336.

Patented Mar. 1, 1870.

Fig. 1

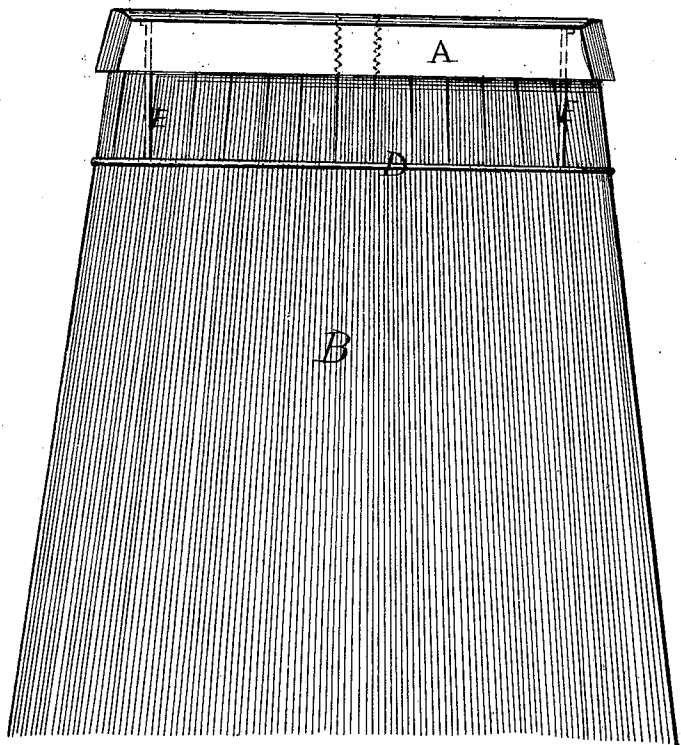


Fig. 2

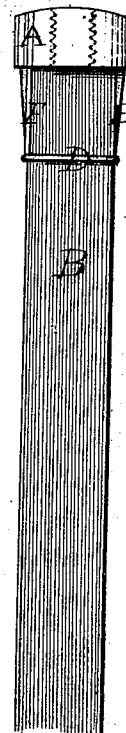


Fig. 3



Witness

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W. C. SPELLMAN, OF HARTFORD, CONNECTICUT.

Letters Patent No. 100,336, dated March 1, 1870.

IMPROVED BROOM.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, W. C. SPELLMAN, of Hartford, in the county of Hartford, and State of Connecticut, have invented a new and useful Improved Broom; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable others skilled in the art to which my invention appertains to make and use the same, reference being had to the accompanying drawings forming part of this specification, in which—

Figure 1 is a side elevation of my improved broom;

Figure 2 is an end view of the same; and

Figure 3, a detached view of the band or wire.

Similar letters of reference indicate corresponding parts in the several figures of the drawings.

It is a fact well known to those who have occasion to use corn brooms, that when long broom-corn is employed in their manufacture the broom is too soft and yield to perform its office efficiently, and for this reason the corn must be cut short in order to render it sufficiently stiff. This necessitates a comparatively large waste of corn, besides causing the broom to wear rapidly.

My invention has for its object to produce a broom from long corn which shall be as stiff as those made from short corn, whereby the full length of the corn is retained, and the broom consequently made to wear much longer.

It consists in the improved broom formed by the combination of the supporting or strengthening-band or wire with the brush and broom-head, as will be hereinafter more fully described.

In the accompanying drawings—

A is the broom-head composed of wood or other proper material, in which the brush B is wired, as shown, that is to say, the corn is inserted in holes formed in the head, and secured therein by the wires. The handle may be secured to the head in any proper manner. In this instance it is adapted to screw into a hole formed centrally in the head, as shown.

D is a wire or band embracing the brush B a short distance below the head A, and supported from the head by the short wires or supports E.

The band may be supported at a greater or less distance from the head, as necessity requires, by increasing or diminishing the length of the supports E.

By this construction the brush is strengthened or made stiff at trifling expense, and renders long as effective as short broom-corn, besides causing the broom to wear a much greater length of time.

Having thus described my invention,

What I claim as new and desire to secure by Letters Patent, is—

The improved broom, constructed as described, of the head A with the brush B attached, and encircled with the wire or band D connected to the head A by the short straight wire supports E, as herein shown and described.

W. C. SPELLMAN.

Witnesses:

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