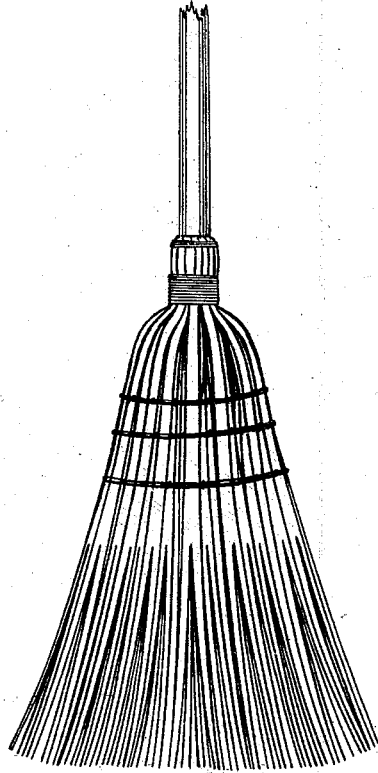


J. LAY.  
BROOMS.

No. 187,541.

Patented Feb. 20, 1877.



Witnesses

*Geo. Mahon*  
*J. Wilson*

By

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# UNITED STATES PATENT OFFICE.

JOSEPH LAY, OF OLMSTEAD FALLS, OHIO.

## IMPROVEMENT IN BROOMS.

Specification forming part of Letters Patent No. **187,541**, dated February 20, 1877; application filed September 18, 1876.

*To all whom it may concern:*

Be it known that I, JOSEPH LAY, of Olmstead Falls, Cuyahoga county, State of Ohio, have invented a new Broom, of which the following is a specification:

This invention relates to a new method of constructing splint brooms; and consists in the peculiar way of preparing the splints, by first riving them from the block, and then splitting them at the lower part, which forms the lower part of the broom when made up, the object being to make a cheap, durable broom, capable of standing the rougher work for which brooms are sometimes needed.

To enable others to fully understand my invention, I proceed to describe the same in detail with the aid of the accompanying drawing, in which—

Figure 1 is a side elevation of my improved broom.

A represent splints, which are cut from hickory or other suitable wood, of about one-eighth of an inch in breadth. The parts of

said splints which form the brush portion of the broom are split nearly half their length, which renders them more flexible. These splints are secured to the handle B in the usual manner.

For all the uses of a stiff broom, such as scrubbing, sweeping snow, shops, factory or barn floors, this broom is far preferable to a corn broom, being far more durable. The splints, by being split part way, give the broom the necessary flexibility, while the upper parts are less liable to break from their greater size and strength.

Having described my invention, I claim the herein-described improvement in brooms, to wit:

The splints A, split part way of their length for making the broom, substantially as and for the purpose specified.

JOSEPH LAY.

Witnesses:

W. S. CARPENTER,  
A. OSBORN.