

G. Stackpole,

Broom.

No. 101,675.

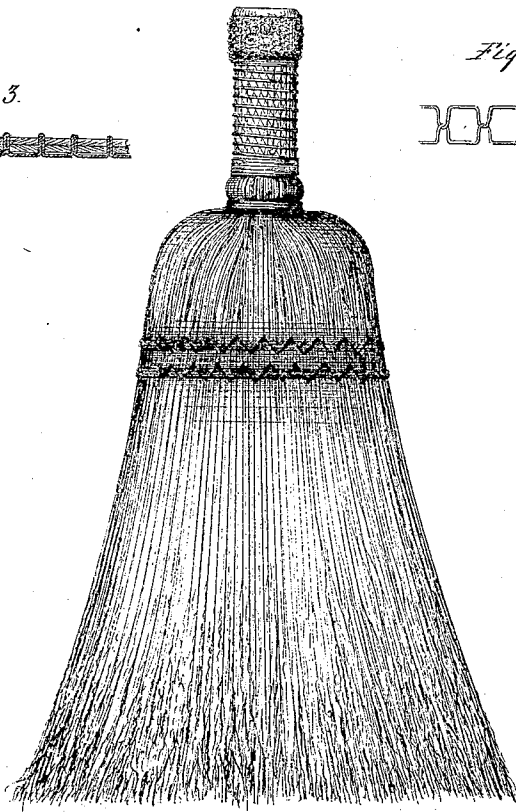
Patented Apr. 5, 1870.

Fig. 1

Fig. 3



Fig. 2



Attest

*Geo. C. Lambright
at. K. Tuttle*

Inventor

Greenleaf Stackpole

United States Patent Office.

GREENLEAF STACKPOLE, OF ELIZABETH, NEW JERSEY.

Letters Patent No. 101,675, dated April 5, 1870.

IMPROVED BROOM.

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

I, GREENLEAF STACKPOLE, of the city of Elizabeth, in Union county, in the State of New Jersey, have invented certain Improvements in Brooms, of which the following is a specification.

The nature of my invention consists in sewing a broom with two threads, making the lock-stitch, the same being done by machinery.

The object of my invention is to make, by the use of machinery, a neater, cheaper, and more durable broom than has hitherto been made, brooms having always, previous to my invention, been sewed by hand, and with the ordinary single-thread stitch.

The nature of my invention consists in making a broom which shall be sewed by a machine making the lock-stitch with two threads interlocking each other, the lock being drawn into the center of the broom.

The object of my invention is to make a better and cheaper broom. My broom being sewed by machinery can easily be made in one-tenth of the time of that made in the old way, and is much more substantially made; each stitch being locked, every stitch must be cut or broken before the broom will come to pieces. A double lock-stitch is made at each edge of the broom, for the purpose of securing the ends of the thread more firmly.

In the ordinary manner of sewing, the ends of the thread are only drawn through the broom and cut off, so that it often starts, and the broom comes to pieces.

Also, the thread is often left loose, the tension not being evenly made, and the stitches of different lengths, while those made in my way are always of a uniform appearance, and the tension on each stitch precisely the same.

In the drawings—

Figure 1 is a front elevation of one of my improved brooms.

Figure 2 shows how the stitch is made, or shows the appearance of the stitch.

Figure 3 shows a section of a broom having my stitch so applied as to look something like the ordinary hand stitch, excepting that it looks much more even and perfect; the change is made simply by changing the feeding motion of the machine, by which it is made; I can make the stitches have either appearance with equal facility.

Having thus described my invention,

What I claim as my invention, as a new article of manufacture, is—

A broom sewed with a machine or lock-stitch, in the manner herein described and substantially as set forth.

GREENLEAF STACKPOLE.

Witnesses:

GEO. C. LAMBRIGHT,
D. K. TUTTLE.