

B. F. Sturtevant.

Blank for Shoe Pegging Mach.

No 35,149.

Patented Aug 16. 1859.

Fig. 1.

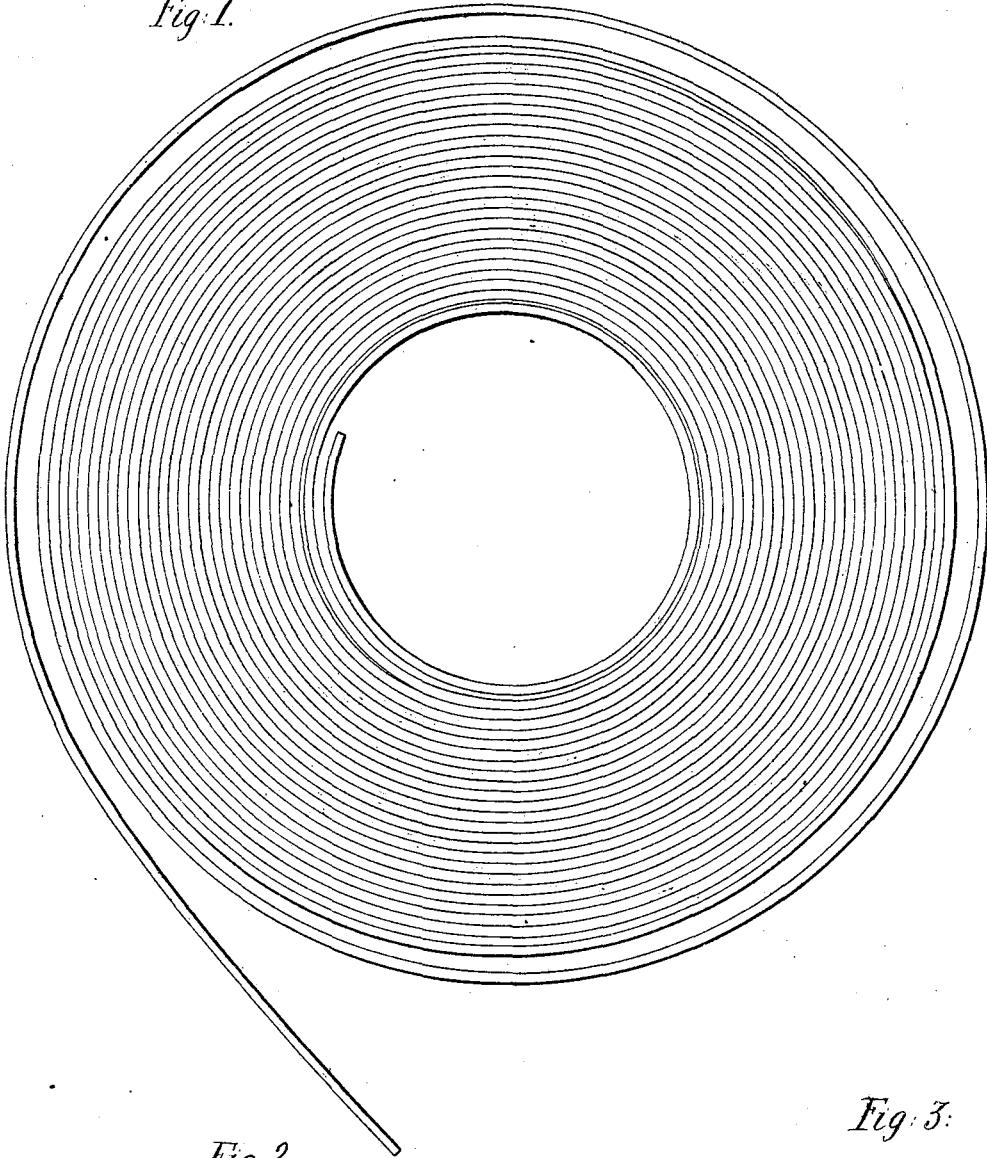


Fig. 2.

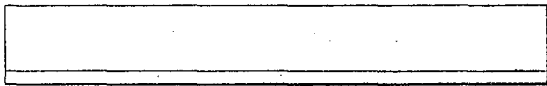


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

B. F. STURTEVANT, OF BOSTON, MASSACHUSETTS.

BLANK FOR SHOE-PEGGING MACHINES.

Specification forming part of Letters Patent No. 25,149, dated August 16, 1859; Reissued February 16, 1875, No. 6,300.

To all whom it may concern:

Be it known that I, B. F. STURTEVANT, of Boston, in the county of Suffolk and State of Massachusetts, have invented an Improved Blank or Sheet of Pegs for Boot and Shoe Pegging Machines, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a plan of a coil or ribbon of the blanks ready for use in the pegging machine. Fig. 2 a side elevation of a piece of the same. Fig. 3 a transverse section.

The blanks from which the pegs are split for boot and shoe pegging machines, are at present made either by splitting off a strip of wood of the required width and thickness from a block, or by cutting it off with a saw. When split, the surfaces of the strip will not be so smooth and uniform as is desirable for use in a pegging machine, and when cut by a saw there is a considerable waste of the stock from which the blanks are made, while in neither case can strips of any considerable length be obtained.

My present invention consists in the production of a ribbon or blank of shoe pegs cut from the circumference of the log of wood by revolving the log in contact with suitable cutters, by which means I am enabled to make a blank of shoe pegs, of uniform width and thickness, with smooth surfaces, and at a less cost, both of labor and stock than by any other process with which I am acquainted, while I can obtain the ribbon or blank in pieces of a considerable length say 50 or 60 feet.

That others skilled in the art may understand and use my invention I will proceed

to describe the manner in which I have carried it out.

The log from which the blanks are to be cut, is placed in an ordinary lathe, a knife lying parallel with the axis of the log is attached to machinery carried on the ordinary slide rest, and is so arranged that as the log is revolved this knife will be fed toward the center or axis of the log, its point penetrates the end of the log sufficiently far to cut the width of the ribbon or blank. Another knife or cutter is placed vertical to the axis of the log and is so adjusted that it will cut into the periphery of the log at a proper width from its end to make the strip or blank of the required width and will cut in far enough to cut through the thickness of the strip and separate it from the log.

The feed of the first or parallel knife is so arranged that at each revolution of the log, the knife will be advanced toward the axis of the lathe a distance equal to the thickness of the blank. By this means the blank is cut in a continuous strip or ribbon around the log from its periphery toward its center with the least possible waste of material.

As the ribbon is cut from the log, it may be wound onto a spool ready for use.

What I claim as my invention and desire to secure by Letters Patent as a new article of manufacture is—

A blank or strip of shoe pegs, cut around the log, substantially as described.

B. F. STURTEVANT.

Witnesses:

THOS. R. ROACH,
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