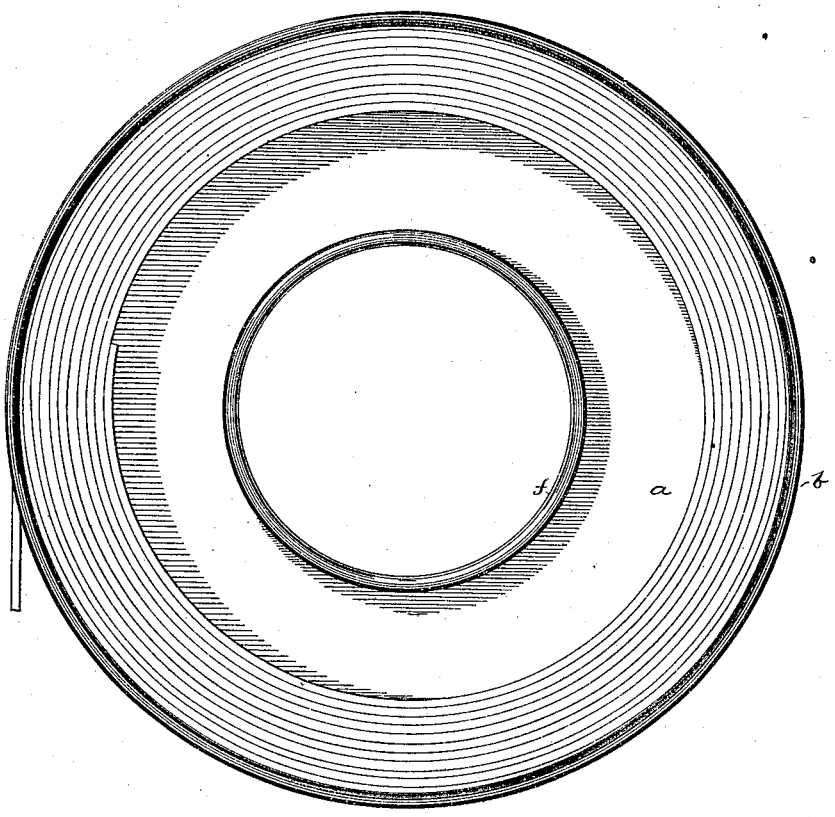
B. F. STURTEVANT.

HOLDERS FOR RIBBON PEG WOOD.

No. 185,143. Patented Dec. 5, 1876.



Witnesses.

L. A. Latimer.

W. J. Pratt.

Inventor.

Benjamin F. Sturtevant.

per Crosby & Gregory

Att'ys.

UNITED STATES PATENT OFFICE.

BENJAMIN F. STURTEVANT, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN HOLDERS FOR RIBBON PEG-WOOD.

Specification forming part of Letters Patent No. **185,143**, dated December 5, 1876; application filed October 10, 1876.

To all whom it may concern:

Be it known that I, BENJAMIN F. STURTEVANT, of Boston, in the county of Suffolk and State of Massachusetts, have invented an Improved Holder for Ribbon Peg-Wood, of which the following is a specification:

This invention relates to an improved removable holder for ribbon peg-wood, to be used in connection with pegging-machines.

Ribbon peg-wood has usually been cut from a green log by a cutter operating with a prolonged spiral, cut as described in reissued Letters Patent No. 6,300, and the ribbon so cut is then wound, when yet green, into a roll and dried. This ribbon of peg-wood, dried after being coiled, and while in roll form, has a tendency to remain in such form, and the sides of this ribbon, so cut green, is left in such condition that the friction between the adjacent layers of the roll acts in a great measure to prevent lateral movements of one coil or round of the spiral away from the other.

I have recently made important changes in this article of ribbon peg-wood. I now subject the ribbon cut from the log, as before described, to the action of heated pressing-jaws, that smooth, condense, and harden the peg-ribbon, as described in United States Letters Patent No. 159,859. This process substantially dries the peg-ribbon while extended. This pressed ribbon, subsequently wound into a coil, has a much greater tendency to uncoil than the peg-ribbon first described, and, as the surface is very smooth, it has a greater tendency to slip from coil form, one layer or portion then moving laterally with relation to an adjacent layer or coil.

As now practiced, a roll of ribbon peg-wood is placed upon a reel attached to the frame of the pegging-machine, and the coil turns as the peg-ribbon is used up.

In the manufacture of some boots and shoes two or more different ribbons are used to produce pegs of different lengths to correspond with the thickness of the soles, and, in changing from one to the other length of peg, the operator takes the coil in his hand and removes it from the reel.

In handling this pressed ribbon, as when removing it from the reel, it is liable to get out of coil or become disarranged, which is a source of serious annoyance to the operator, and results in waste of material and time, and when the coil is made up of two or more strips, the liability to become disarranged is further increased.

The object of this invention is to provide a holder for each different-sized peg-ribbon being used, the holder receiving the roll of ribbon peg-wood, holding it when put into the machine in position to be used, and being removable with the peg-ribbon from the pegging-machine whenever it is desired to use a strip suitable for pegs of a different size. This holder always retains the coils of the ribbon peg-wood in proper position with relation to each other. The holders containing the peg-ribbons to be used on the pegging-machine can be quickly and easily placed upon, or removed from, the machine, without directly handling the coil or ribbon, and, therefore, the spiral condition of the coil need not be disturbed. Each ribbon is retained in its removable holder until consumed. If the ends of a coil of ribbon of two or more pieces get moved out of position in the roll it is quite difficult to get the ribbon so uncoiled back into coil or in place.

The drawing represents, in top view, one of my holders for ribbon peg-wood.

This holder is composed of a plate, *a*, about which is placed a rim, *b*, against which the outermost coil or layer of wood bears, and by which the coil is guided and retained in position. This rim is provided with one or more slots or openings, through which the ribbon is led to the guideway or channel in the pegging-machine head. This holder is provided at its center, as herein shown, with a small annular collar, *f*, to fit over a portion of the pegging-machine frame, or, if desired, the holder may be held in position, as the ribbon is drawn out, by means of pins bearing against the outside of the holder. The slots in the rim, one or more, are for the egress of the peg-ribbon, and two or more slots are more convenient than one. The rim *b* prevents the coil from expanding beyond its usual or proper diameter. The plate *a* serves to sustain or support the flat side of the roll, and prevents the coil or layers from becoming disarranged.

The holder shown is made of tin-plate; but it may be made of wood, paper, or other suitable material. The rim may be of less height than the height of the roll of peg-wood, and the portion of the ribbon extending to the pegging-machine may pass over such rim.

I claim—

The improved holder for ribbon peg-wood, consisting of the plate *a*, rim *b*, and collar, adapted to hold the roll of ribbon peg-wood, and to be applied to, or to be removed from, the pegging-machine with the ribbon peg-wood, to avoid disturbing the arrangement of the layers of the coil of the ribbon peg-wood, and the removal of the ribbon from the holder, all substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

BENJ. F. STURTEVANT.

Witnesses:

G. W. GREGORY,

S. B. KIDDER.