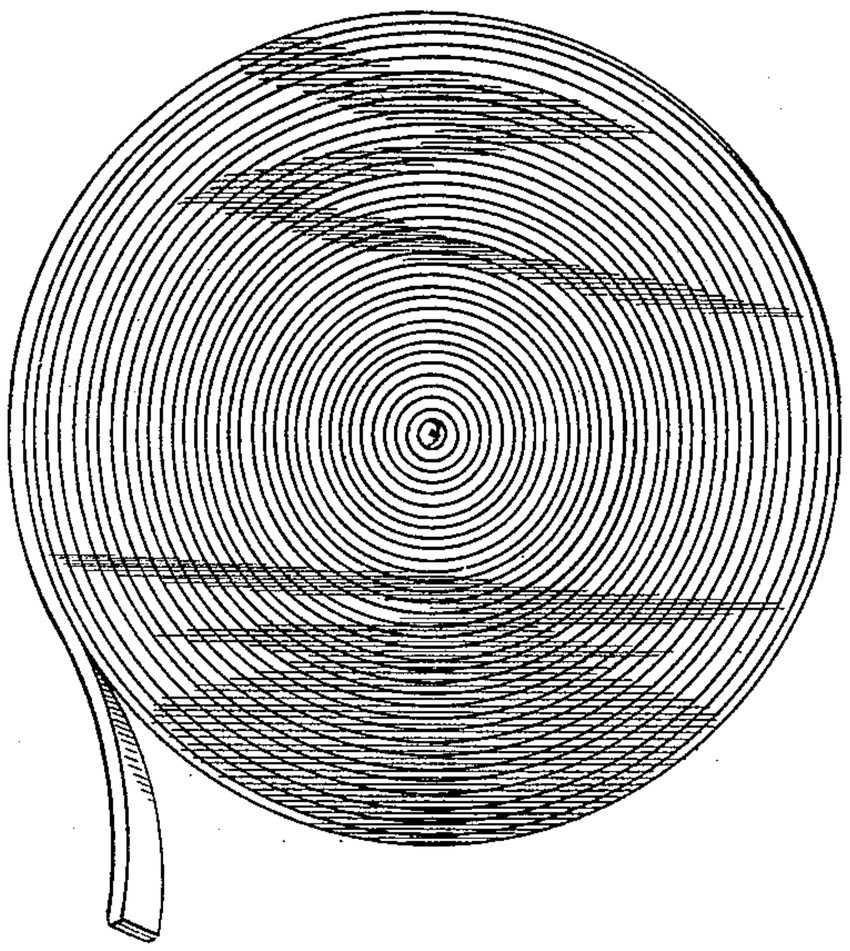
(No Model.)

R. K. JOHNSTONE.

METHOD OF MAKING WELTING.

No. 495,891. Patented Apr. 18, 1893.

Fig. 1



A

Fig. 2.

WITNESSES:

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METHOD OF MAKING WELTING.

SPECIFICATION forming part of Letters Patent No. 495,891, dated April 18, 1893.

Application filed February 7, 1893. Serial No. 461,394. (No model.)

To all whom it may concern:

Be it known that I, ROBERT K. JOHNSTONE, a citizen of the United States, residing at Tenafly, in the county of Bergen, State of New Jersey, have invented certain new and useful Improvements in Welting; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to welting.

Figure 1 is a view of a roll of welting showing the outer end partially unwound. Fig. 2 is a transverse section of the same.

In the drawings—A represents my improved welting preferably made of two-ply leather. This welting is made not only from selected stock but the leather composing the same is all taken from one certain part of a side of leather. Each ply is mechanically milled to an absolute or positive thickness before being cemented or secured together. In cementing the layers together the butt portion of the stock of one piece is invariably arranged to come opposite the shoulder part of the other ply of leather composing the welting.

In order to secure the very best results in the manufacture of shoes it is necessary that there should be, in two-ply welting, an absolute uniformity of thickness. My improved welting attains these objects, heretofore unobtainable in two-ply welting. As a result I secure absolute uniformity, density, and texture of substance. In single-ply welting it is impossible to obtain such results owing to the varying quality and density of a side of leather. The same important results are obtained in making my two-ply welting, owing to the arrangement of the butt-portion of one ply opposite the shoulder-portion of the contiguous ply, thereby giving the welting an absolute uniformity of substance throughout the length of the same. The joints of the leather are arranged so that they do not come opposite each other.

I claim—

The herein described method of making two-ply welting, which consists first in taking the layers from certain portions of selected leather, then mechanically milling the same, then disposing the layers so that the butt-portion of one ply will come opposite the shoulder-part of the other ply, and finally cementing the plies.

In testimony whereof I affix my signature in presence of two witnesses.

R. K. JOHNSTONE.

Witnesses:

THOMAS L. KNIGHT,

ARTHUR S. FRENCH.