

Shoe-Makers' Measuring Tablet.

No. 223,569.

Patented Jan. 13, 1880.

Fig 1.

Diagram illustrating a grid structure with two identical blocks, each labeled A' .

Each block contains a grid of 10 cells (2 rows by 5 columns). The top row of each grid is labeled C and $Size$. The bottom row of each grid is labeled a and a^2 .

The grid contains the following values:

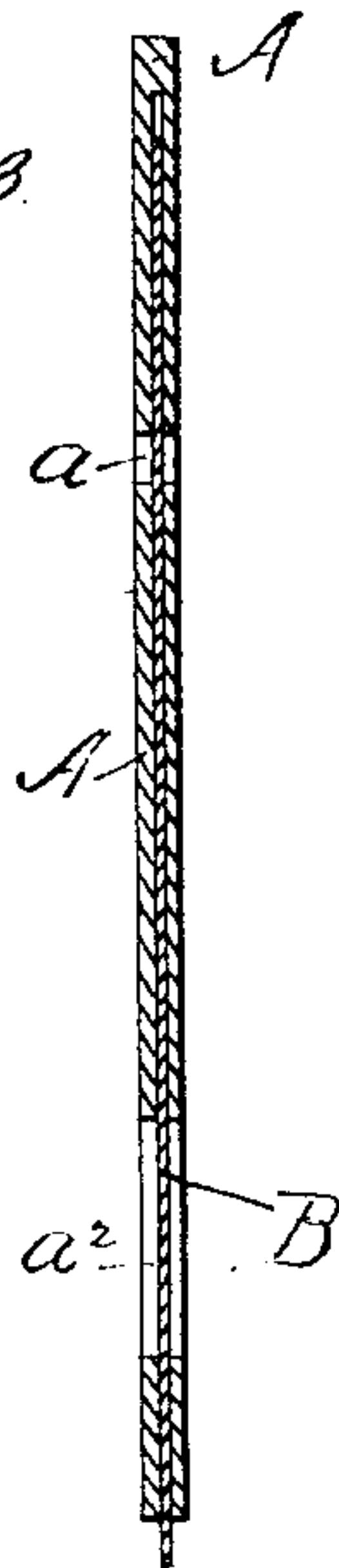
Size	Ball	Antip	Heel	Stella	Size
0	52	52	72	52	7
1	52	52	72	52	8
2	52	62	52	52	9
3	52	62	52	52	10
4	62	62	52	62	11
5	62	62	92	62	12
6	62	62	92	62	13

The diagram also shows a central block labeled A'' below the first block.

Fig. 4.

[illegible]

Fig. 3.



Witnesses:
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SHOE-MAKER'S MEASURING-TABLET.

SPECIFICATION forming part of Letters Patent No. 223,569, dated January 13, 1880.

Application filed August 19, 1879.

To all whom it may concern:

Be it known that I, HUGH WHITE, of the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful
5 Improvements in Shoe-Makers' Measuring-Tablets, of which the following is a specification.

The accompanying drawings show at Figure 1 a plan view, at Fig. 2 a cross-section,
10 and at Fig. 3 a longitudinal section, of my invention. Fig. 4 is a view of the movable tabulated measurements.

Like letters indicate like parts in all the figures in which they appear.

15 In said drawings, A is a flat tablet of any suitable size, with openings a , a' a' ; and a^2 through it, as hereinafter specified. Centrally and parallel with the flat sides thereof the tablet is recessed to receive and hold a sliding
20 plate or piece of paper-board, B, nearly co-extensive with the tablet itself. This piece B contains the measurements of the different portions of the foot necessary to be known in cutting out the parts of the boot or shoe tabulated in vertical columns and horizontal lines,
25 all the measurements relating to each size being arranged upon the same line. These tables become visible through the openings a' a' in the tablet, one set or table being shown upon
30 one side and another set upon the other side of the tablet, as both sides of the board B are printed each with a different table and matter.

35 The opening a is for the purpose of disclosing the width-letter of the size, and hence such opening need be only large enough to show one letter.

The openings a' a' are duplicates of each other, for disclosing the movable table of measurements arranged in two columns. The object
40 of having two openings a' is in order to save length and make the device compact and shapely.

The tables consist of measurements arranged

in four vertical columns—"ball," "instep," 45 "heel," and "ankle"—measurements of the same kind being in vertical lines and the same relation or size in horizontal lines.

Upon the tablet, at the top of the opening, are the titles or names C of the place of measurement, as shown in the drawings, and at the side are numbers e , denoting the sizes. There appears, therefore, upon the device, first, the indicator-letter at a , denoting the width, as, say, "G last;" next, at the vertical openings, 55 all of the sizes from 0 or 1 to 13 belonging to this width. By moving the inclosed board B up or down the indicator-letter is changed and the tables also changed to correspond. The oblong aperture a^2 affords a means of grasping
60 the board with the thumb and finger to effect such change.

This device will be found to be exceedingly convenient for shoe-makers and manufacturers, and also for dealers. 65

The matter of the tables on one face is made to denote men's and women's sizes, and on the other children's and misses' sizes, so that one apparatus does for both kinds of boots and shoes by simply turning the apparatus over in
70 the hand.

I claim—

As a new manufacture, a shoe-maker's tablet consisting of a tablet having openings a a' a' , and an interior sliding piece, B, the tablet 75 having numbers denoting the sizes at the side of the openings a' a' , and the piece B having the foot-measurements arranged in horizontal lines, so as to be visible through said openings a' a' , the men's and women's sizes being 80 upon one face and the misses' and children's upon the reverse face, and having also width-marks visible through the opening a , the whole being constructed and arranged as described.

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