March 25, 1924. 1,488,068

S. SCHWARTZ

COMBINED FOOT REST AND MEASURE

Filed Sept. 22, 1921 2 Sheets-Sheet 1

Fig. 1.

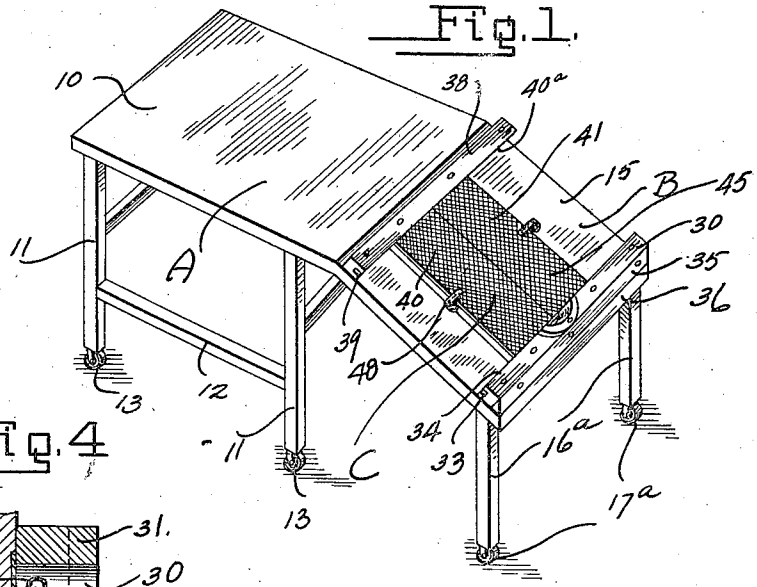


Fig. 4

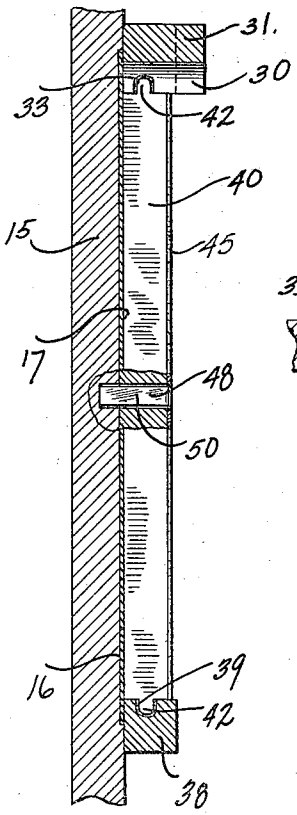


Fig. 5.

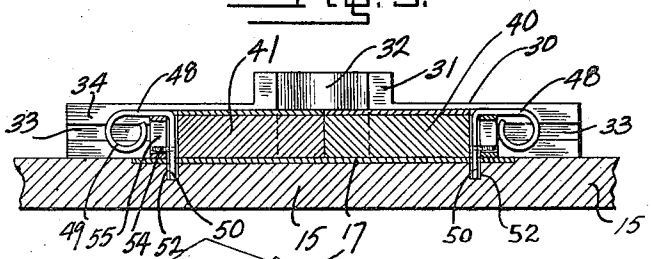
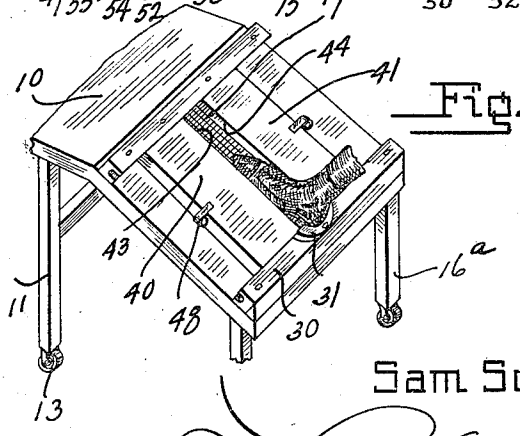


Fig. 2.



Inventor

Sam Schwartz

By Lancaster and Allwine

Attorneys

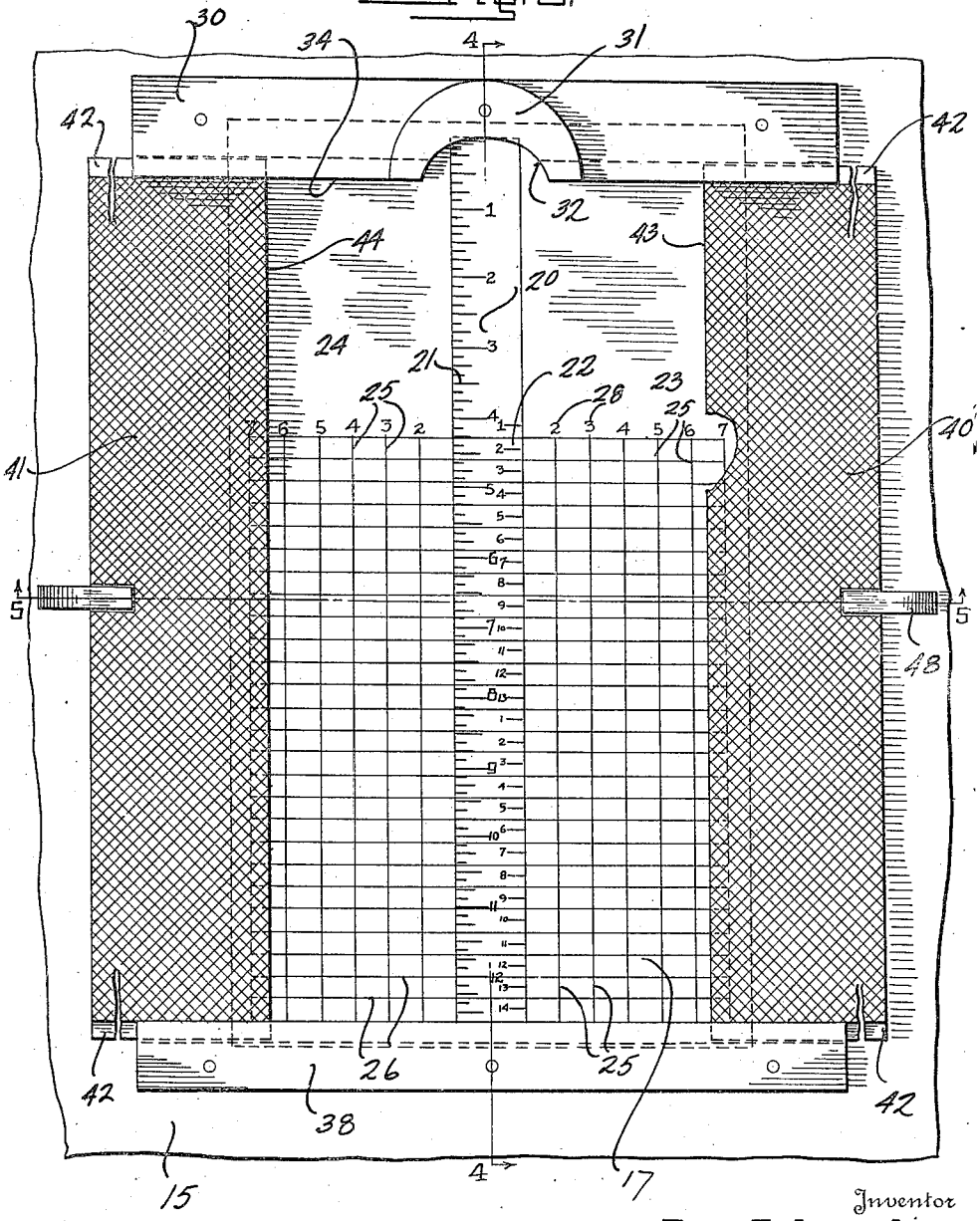
March 25, 1924. 1,488,068

S. SCHWARTZ

COMBINED FOOT REST AND MEASURE

Filed Sept. 22, 1921 2 Sheets-Sheet 2

Fig. 3.



Inventor

Sam Schwartz

By Lancaster and Allwine

Attorneys

Patented Mar. 25, 1924. 1,488,068

UNITED STATES PATENT OFFICE.

SAM SCHWARTZ, OF INDIANOLA, MISSISSIPPI.

COMBINED FOOT REST AND MEASURE.

Application filed September 22, 1921. Serial No. 502,355.

To all whom it may concern:

Be it known that I, SAM SCHWARTZ, a citizen of the United States, residing at Indianola, in the county of Sunflower and State of Mississippi, have invented certain new and useful Improvements in Combined Foot Rests and Measures, of which the following is a specification.

This invention relates to improvements in foot rests, such as ordinarily employed in retail shoe stores, embodying certain measuring apparatus for determining the size of a person's foot.

The primary object of the invention is the provision of a portable stool including foot measuring means for determining the proper size of shoe.

A further object of the invention is the provision of a combined foot rest and scale measuring device of the above described character, including novel and adjustable means for cooperation with a measuring element to determine the proper sized shoe, said adjustable means being capable of acting as a closure member for secreting the scale part of the improved device.

Other objects and advantages will be apparent during the course of the following detailed description.

In the accompanying drawings, forming a part of this specification, and in which similar reference characters designate corresponding parts throughout the several views,

Figure 1 is a perspective view of the improved foot rest and measuring device.

Figure 2 is a fragmentary perspective view showing the manner in which the improved device is used.

Figure 3 is an enlarged fragmentary plan view of the measuring means embodied in the improved arrangement.

Figure 4 is a cross sectional view taken on the line 4—4 of Figure 3.

Figure 5 is a cross sectional view taken on the line 5—5 of Figure 3, and showing several details thereof in different adjusted positions than that shown in Figure 3.

In the drawings, wherein for the purpose of illustration is shown the preferred embodiment of my invention, the letter A designates the improved stool, embodying the graduated member B, and the size indicating closure means C.

The stool A is of any preferred type, such as is ordinarily used in sales rooms of retail shoe stores, including the seat 10, for the clerk or shoe fitter, which may be supported by the legs 11 and brace members 12. Rollers 13 are preferably provided for easy transporting of the stool A to any desired location.

The foot board 15 of the means B is preferably provided as a novel feature of the stool A, and is inclined with respect to the horizontal position of the seat 10 as is the case in ordinary stool construction. The legs 16^a are provided upon the lowermost portion of the foot board 15, and likewise provided with rollers 17^a to cooperate with the legs 11 and rollers 13 of stool A. It is preferred that the foot board 15 be provided with a central depression 16 therein, preferably polygonal in formation, for the reception, in any preferred manner, of a plate 17, which may be of aluminum, brass, nickel or the like, and whereon the graduated measuring means is inlaid or scribed. The graduated means upon the plate 17 is a special type, and includes the longitudinal scale 20, divided on one side 21 into graduations for determining the length of an adult foot; the right side 22 being divided or graduated for determining the length of a child's foot. It is preferred, that the graduated portion 20 for determining the size of the shoe, as to the length of the foot, be positioned centrally and longitudinally of the plate 17 and foot board 15. The portions 23 and 24 upon the plate 17, to the right and left respectively of the graduated portions 20 are provided with the longitudinally extending spaced lines 25, extending parallel with the graduated portion 20 and with respect to each other. The parallel lines 26 may likewise be provided upon the portions 23 and 24, and extending parallel to each other and at right angles to the lines 25, intersecting the same. The lines 25 upon both the right and left portions 23 and 24 of the plate 17, are designated by delineations 28, numerically increasing as they are disposed remote from the central graduated portion 20. These lines 25 have been provided to indicate the width of a person's foot for selecting the proper size of shoe therefor. The graduations upon the plate 17 are all scribed thereon to face toward the seat 10, whereby the clerk or fitter may readily determine the size of a foot.

A lower strip 30 is provided extending transversely of the foot board 15 and pref-

erably for the entire width thereof, the same including a heel resting portion 31 centrally of its length and including an arcuate surface 32 arranged for intersection by the longitudinal graduated portion 20 of plate 17, and facing upwardly toward the seat portion 10 of stool A. The strip 30 is likewise provided with a groove 33, in one marginal edge 34 thereof, which faces toward the foot board 15 and the purpose of which will be subsequently set forth. A filler block 35 may be provided to the rear of the strip 30 for properly lining the same off with respect to the lower marginal edge 36 of the foot board 15. An upper strip 38 is provided upon the face of the foot board 15, extending transversely thereof and along the upper marginal edge thereof adjacent the connection of the seat portion 10 of stool A, and which is provided with a groove 39 in the side 40^a thereof, which faces toward the lower strip 30.

A pair of indicating closure members 40 and 41 are provided for sliding adjustment over the foot board 15, and respectively located for adjustment over the portions 23 and 24 of the metallic plates 17. Each of the closure members 40 and 41 are provided upon their upper and lower marginal edges with tongues 42 adapted for sliding within the grooves 33 and 39 of the strips 30 and 38 respectively. The closure members 40 and 41 may be of any width, although it is preferred that each be of the same width, and so sliding within their grooves that the facing longitudinal marginal sides 43 and 44 may abut substantially as illustrated in Figure 1 of the drawings, whereby the entire graduated plate 17 may be covered. The upper surfaces of the members 40 and 41 are each provided with a rubber facing 45, whereby when the same are closed, they will present a foot resting surface immediately above the plate 17, and for purposes of receiving wear incident of trying on of shoes and where it is not necessary to take the measurement of a person's foot by using the plate 17. In this manner, the wear upon the plate 17 can be prevented to a considerable extent, since the same can be covered, as above described, when not in use.

Latch members 48 are provided for use adjacent the outside edges of members 40 and 41, the same including a finger engaging portion 49 and a locking stem 50, adapted for engagement within a suitable depression 52 in the plate 17 or foot board 15, for maintaining said members 40 and 41 in closed position. A screw 54 is provided in engagement with the stem 50 for sliding within a suitable slot 55, in each of the members 40 and 41, whereby the latches 48 may be maintained in their proper positions against liability of disconnection.

In measuring the length of a person's foot, the foot is placed with the heel in the rest 31, and disposed longitudinally along the graduated portion 20 of plate 17. The fitter or salesman seated upon the portion 10 of stool A can readily determine the length of the person's foot, as indicated by the foot upon the graduations of the portions 20. In determining the width of the foot, the total number of spaces as indicated by the parallel lines 25, and which the foot covers, which can readily be determined by the delineations 28 will give the desired width. The delineations 28 in the type of graduations indicated are numerals, increasing as above mentioned, in ratio, as the lines 25 are disposed remote from the portion 20. Since a person's foot will ordinarily extend over both sides of the graduated portion 20, it will be necessary to divide the total number of spaces between the lines 25 by two, in order to determine correctly the width of a person's foot. As a means of determining the exact number of spaces over which a person's foot extends, the inside facing edges 43 and 44 of the members 40 and 41, are useful, in that when said members 40 and 41 are moved to abut the sides of a person's foot, as indicated in Figure 2, said edges 43 and 44 will indicate the proper width upon the portions 23 and 24.

From the foregoing, it will be seen that a foot rest and shoe-measuring device has been provided, which is of considerable utility, and should meet with great favor in retail selling stores.

Various changes in the shape, size and arrangement of parts, may be made to the form of the invention herein shown and described, without departing from the spirit of the invention or the scope of the claims.

I claim:

1. A device of the class described comprising a measuring board, and a foot rest positioned thereon including relatively adjustable members adapted for engagement against opposite sides respectively of a person's foot to cooperate with said measuring board during a foot measuring operation.

2. A device of the class described comprising a graduated element for determining the size of a person's foot, and a pair of members slidably mounted over said graduated element adapted for selective movement to close over said graduated element to provide a foot rest, or to be relatively opened to expose said graduated element for foot measuring purposes, said member during a foot measuring operation adapted for engagement with opposite sides respectively of a person's foot to indicate graduations on said graduated element.

3. A device of the class described, comprising a stool having a measuring board

thereon graduated longitudinally intermediate the sides thereof for determining the length of a person's foot, and graduated laterally of said longitudinal graduations for determining the width of a person's foot, and closure means including a pair of sections slidable transversely upon each side of the length indicating graduations upon said board, the facing edges of said closure sections being so positioned as to cooperate with said lateral graduations in indicating the width of a person's foot.

SAM SCHWARTZ.