No. 882,749. PATENTED MAR. 24, 1908.

J. J. DUMONCEAU.

PATTERN FOR CUTTING OUT BOOTS AND SHOES.

APPLICATION FILED SEPT. 27, 1907.

2 SHEETS—SHEET 1.

Fig. 1.

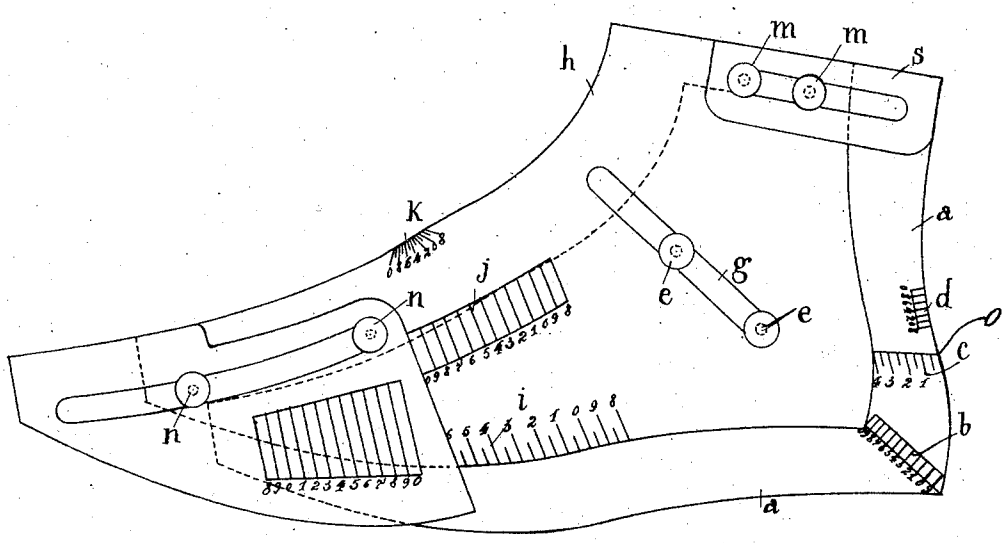
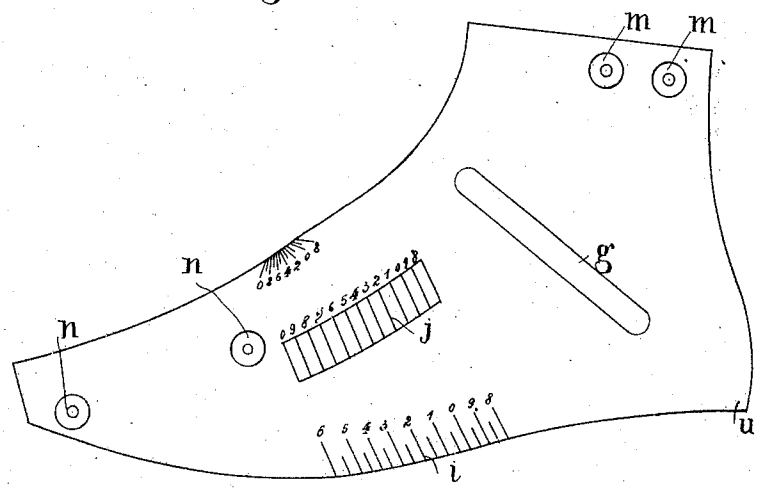


Fig. 2.



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2 SHEETS—SHEET 2.

Fig. 3.

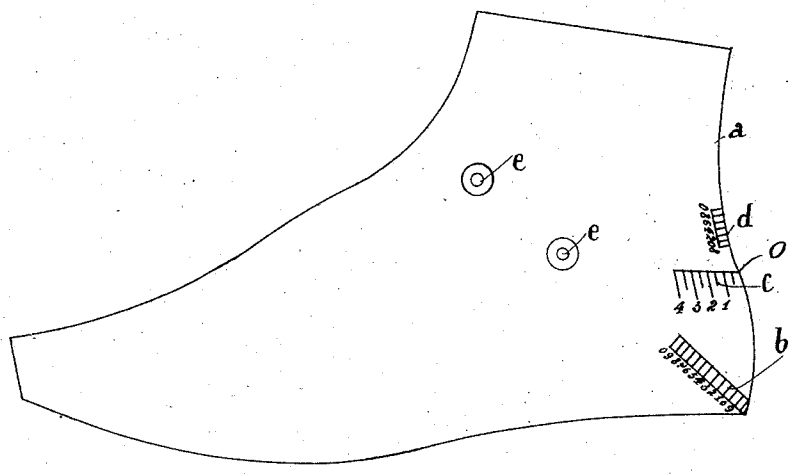


Fig. 4.

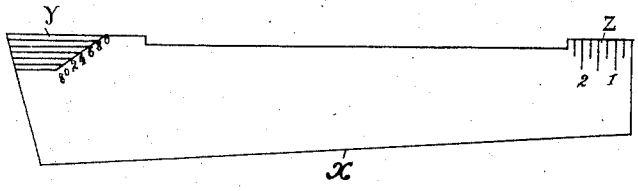
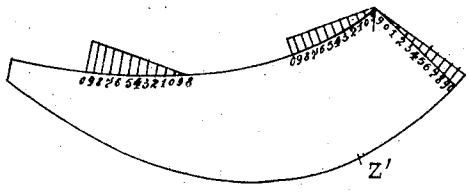


Fig. 5.



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UNITED STATES PATENT OFFICE.

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PATTERN FOR CUTTING OUT BOOTS AND SHOES.

No. 882,749. Specification of Letters Patent. Patented March 24, 1908.

Application filed September 27, 1907. Serial No. 394,806.

To all whom it may concern:

Be it known that I, JEAN JOSEPH DUMONCEAU, manufacturer, a subject of the Belgian King, and residing at Brussels, Belgium, have invented new and useful Improvements in Patterns for Cutting Out Boots and Shoes; and I do hereby declare the following to be a full, clear, and exact description of the same.

My present invention relates to boots and shoes, and has for its object to provide an improved pattern for cutting out the uppers for articles of this kind.

Broadly stated, my invention consists in that the size of the uppers to be cut out is obtained by adjusting on suitable scales several independent portions, which are easily and readily movable with relation to each other, and also an intermediate plate.

In contradistinction with other well-known patterns for shoes and boots, my invention has the advantage to be applicable to the cutting of boots and shoes for abnormal feet.

In the accompanying drawings, I have shown one form of embodiment of my invention:

Figure 1 shows the complete pattern with the parts adjusted for cutting out uppers for shoes of the largest possible size. Fig. 2 shows the movable plate provided with several scales hereinafter described. Fig. 3 shows the stationary base plate, on which the different movable parts can be adjusted. This plate has a diagonally extending scale *b* for determining the size, a scale *c* at the end of the heel-portion and another scale *d* above the latter. Fig. 4 shows a part of the pattern, by means of which the position of the base-plate shown in Fig. 2 may be readily determined with relation to the movable plate shown in Fig. 1, for abnormal feet. Fig. 5 shows a part of the pattern by means of which the overlapping portion of button-shoes may be outlined.

The base-plate *a*, shown particularly in Fig. 3, has two screw-pins *e*, *e* extending through a slot *g* of the upper plate *h* and serving to guide and secure the latter on said base-plate. The upper plate has further screw-pins *m*, *m*, *n*, *n* serving to guide and secure the other movable parts *s* and *o* of the pattern.

The divisions 0—4 of the scale *c* of the base plate *a* in combination with the divisions *i* serve to adjust the pattern for cutting out boots and shoes for abnormal feet, when the heel is made in a special manner.

The divisions *d* of the base plate *a* serve to indicate the height of the back for the uppers to be cut out. The divisions *k* (see Figs. 1 and 2) of the upper plate *h* serve to indicate the height of the front portion for each shoe to be cut out.

In order to outline the uppers, particularly for feet with a large instep, I use the part *x* shown in Fig. 4. To this end, the scale *y* of said plate is placed on the respective division of the scale *k*, while the scale *z* of said plate is placed on the respective division of the scale *d*. These two points are then connected by a line drawn along the edge of the plate *x*.

I use the plate *z'* (Fig. 5) in the same way for outlining the front overlapping portion of button-shoes.

Having fully described my invention, what I claim and desire to secure by Letters Patent is:—

A device for cutting out boots and shoes for abnormal feet, comprising a base plate, having scales at the end of and above the heel portion, a movable plate adjustable on said base plate and having a scale on its lower edge and another scale at its upper edge, and an independent plate having scales at both ends, substantially as and for the purpose set forth.

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

JEAN JOSEPH DUMONCEAU.

Witnesses:

CHARLES HONOLD,

GREGORY PHELAN.