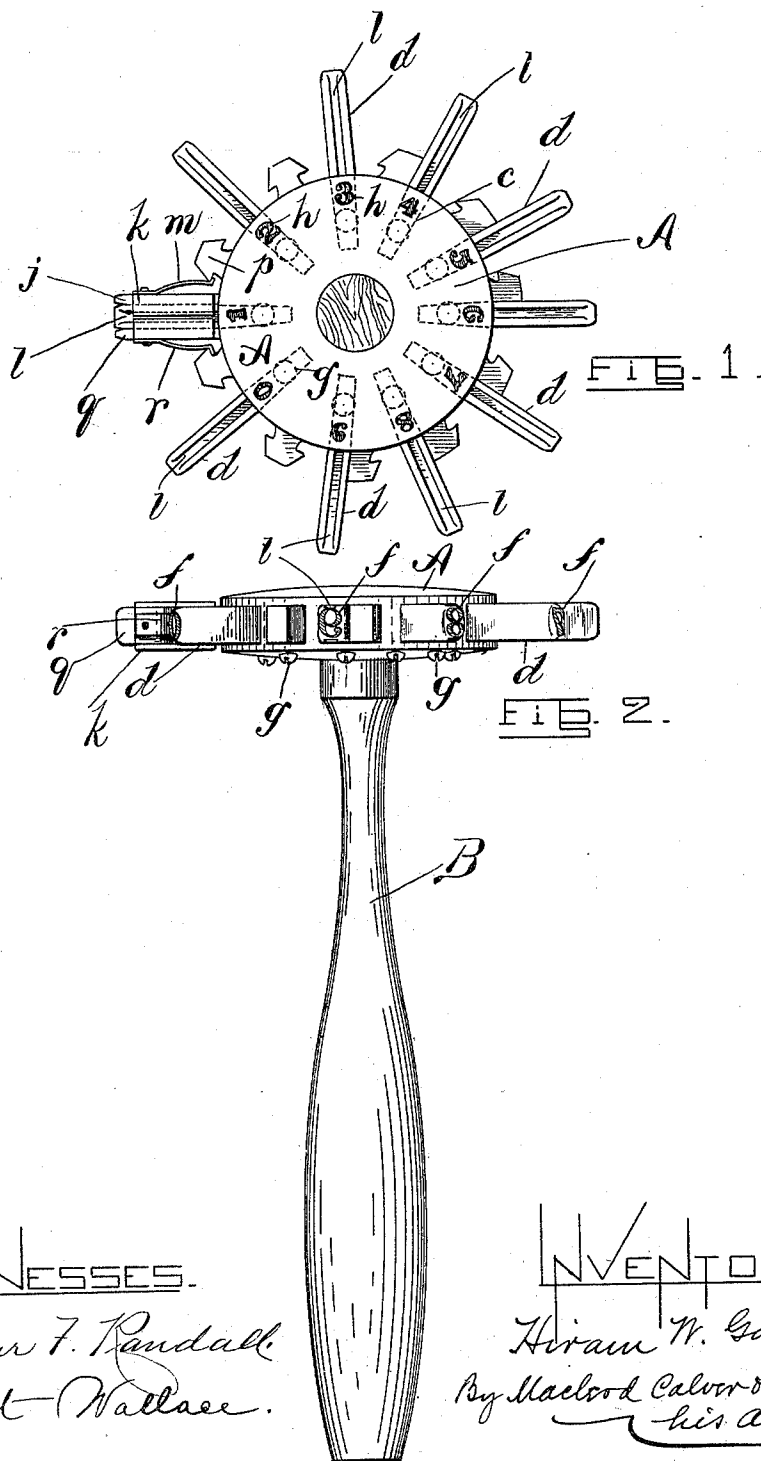


(No Model.)

H. W. GORDON.
LEATHER MARKER.

No. 509,576.

Patented Nov. 28, 1893.



WITNESSES.

Arthur F. Randall.
Robert Wallace.

INVENTOR.

Hiram W. Gordon
By Macleod Calver & Randall
his Attorneys.

UNITED STATES PATENT OFFICE.

HIRAM W. GORDON, OF LYNN, MASSACHUSETTS.

LEATHER-MARKER.

SPECIFICATION forming part of Letters Patent No. 509,576, dated November 28, 1893.

Application filed December 19, 1892. Serial No. 455,581. (No model.)

To all whom it may concern:

Be it known that I, HIRAM W. GORDON, a citizen of the United States, residing at Lynn, in the county of Essex and State of Massachusetts, have invented certain new and useful Improvements in Leather-Markers, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention has for its object an improvement in devices for marking leather or similar material, and it consists of the improved implement hereinafter set forth and the novel features of which are pointed out in the claims which are appended hereto.

I have shown my device in the best form now known to me in the accompanying drawings in which Figure 1 is an end view and Fig. 2 is a plan view of my device.

In handling leather or articles made therefrom as, for example, soles for boots or shoes it is desirable to stamp or mark the soles. To enable this to be done quickly and effectively, I have devised the implement which I will now describe, and in the description I will refer by letters and figures of reference to the accompanying drawings.

A represents a metallic head which is preferably circular in form as shown, and which is provided with a central aperture to receive the handle B. The handle should be made of a convenient shape to enable the operator to grasp the implement and use it as he would a hammer. On the periphery of the head A, I provide ten sockets, indicated by the dotted lines at *c*, each of which are adapted to receive the shank of a die or arm *d* which has upon its outer end a figure or character as shown at *f*. The dies *d* are secured in their sockets by means of set screws *g* although the precise manner of securing them in place is not material. On the face of the head A I place a series of figures shown at *h* each of said figures being opposite the die which bears a corresponding figure. By this arrangement when the operator raises the implement he will see at a glance where the die is that he wishes to impress on the leather, and can also place that die so that when he strikes the leather he will mark it as he desires. By this arrangement without any additional features

the operator will be able to mark leather from 0 to 9 but as it is also frequently desired to use the character $\frac{1}{2}$ as in marking soles 6 $\frac{1}{2}$ and the like, I have provided a movable block shown at *j* which is provided with a plate *k* on either side thereof having a flange which fits the groove *l*. Each of said dies *d* is provided on either side thereof with a groove *l* so that the block *j* bearing the number $\frac{1}{2}$ may be slipped on to either of the die arms *d*. The inner end of the block *j* bears against the head A and has a firm bearing thereon. To hold the block *j* in position I provide catches constituted by a spring *m* secured at one end to said block and at the other end slightly turned up as shown, and shoulders on the projecting parts *p*, which preferably are cast integral with the head A. As it is also desirable in marking soles, for which the device shown in the drawings was particularly intended, to be able to mark as high as 13 $\frac{1}{2}$ another block *q* similar in form to the block *j* is provided. The block *q* bears a figure 1 and is adapted to be secured in place on any of the arms *d* in the same manner as is the block *j*. The spring *r* which secures the block *q* in place is similar to the spring *m* and is also adapted to snap over a shoulder which is formed on the opposite side of the projection *p* from that with which the spring *m* engages. As the device shown in the drawings is not intended to be used to mark above 13 $\frac{1}{2}$ it is unnecessary to provide for placing the block *q* on any of the arms *d* save those marked 0, 1, 2, and 3 and consequently the projections *p* which are adjacent to the arms or dies marked 4, 5, 6, 7, 8 and 9 are not arranged to receive the spring *r*. As will be obvious they may be so arranged if desired. By making the arms or dies *d* removable they may be withdrawn and repaired or new dies inserted in their places when that becomes necessary, and I prefer to make them removable rather than to cast them or otherwise secure them on the head A so that they cannot be readily removed.

In using the implement the operator raises it in his hand, adjusts it so that the die bearing the number which he wishes to impress on the leather will project downward vertically and then strikes the leather a blow, forc-

ing the character or figure into the surface thereof, and stamping or marking it with the number which he desires.

What I claim is—

5 1. The improved leather marker fitted to be used after the manner of a hammer and consisting of a handle, a head fixed on one end of said handle and having a series of dies projecting radially therefrom, a detachable
10 die-block, the respective dies being constructed to have the said die-block mounted on the desired one thereof, and catches for securing the die-block in place on the selected one of the radial dies when mounted thereon, sub-
15 stantially as and for the purposes set forth.

2. The improved leather marker fitted to be used after the manner of a hammer and consisting of a handle, a head fixed on one end of the said handle having a series of dies project-
20 ing radially therefrom, detachable supplemental die-blocks, the dies being constructed for having the supplemental die-blocks mounted thereon and certain of them being

fitted to have two of such blocks applied to the opposite sides of the same, and retaining 25 devices for each of the said dies and die-blocks, operating to hold the latter on the former after being applied thereto, substantially as and for the purposes set forth.

3. In a leather marker, the combination 30 with a head having a series of dies projecting therefrom, each of said dies being grooved lengthwise thereof, of a detachable die block having a flanged portion adapted to fit the groove in any of said dies, a securing spring 35 for said die block and a shouldered projection on the head which co-operates with said spring to secure the detachable die block in position, substantially as set forth.

In testimony whereof I affix my signature in 40 presence of two witnesses.

HIRAM W. GORDON.

Witnesses:

WM. A. MACLEOD,
ROBT. WALLACE.