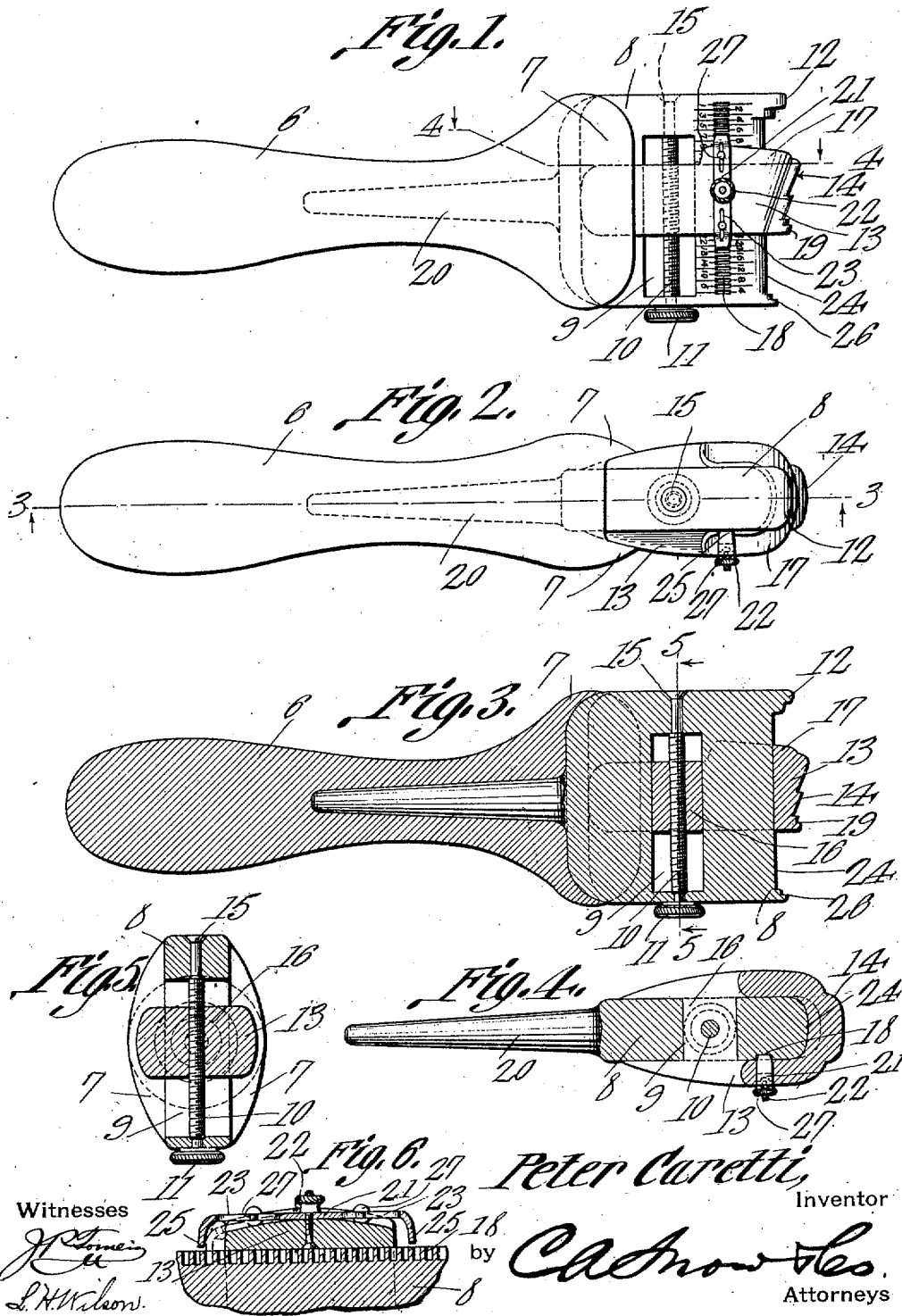


P. CARETTI.
SHOEMAKER'S TOOL.
APPLICATION FILED OCT. 11, 1911.

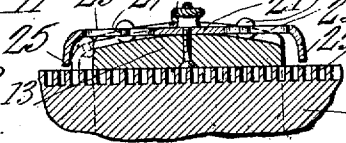
1,019,882.

Patented Mar. 12, 1912.



Witnesses

J. H. Wilson
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UNITED STATES PATENT OFFICE.

PETER CARETTI, OF CONNELLSVILLE, PENNSYLVANIA

SHOEMAKER'S TOOL.

1,019,882.

Specification of Letters Patent.

Patented Mar. 12. 1912.

Application filed October 11, 1911. Serial No. 654,079.

To all whom it may concern:

Be it known that I, PETER CARETTI, a citizen of the United States, residing at Conneltsville, in the county of Fayette and State of Pennsylvania, have invented a new and useful Shoemaker's Tool, of which the following is a specification.

This invention relates to shoemakers' tools, particularly to sole edge finishers or edge irons.

It is the general object of this invention to provide an adjustable implement of this character, wherein the lips or molder flanges may be adjusted with respect to each other to accommodate soles of various thicknesses.

A further object of the invention is to provide in connection with a sole edge finisher, a supplemental burnishing surface.

A further object is to provide a novel adjusting means for tools of this character.

With the above and other objects in view this invention is embodied in the novel construction, arrangement and combination of parts as hereinafter described and as pointed out in the appended claims, the invention being illustrated in the accompanying drawings, wherein, similar reference characters indicate similar parts, and wherein:—

Figure 1 is a side elevation of the tool. Fig. 2 is a plan view thereof. Fig. 3 is a section on the line 3—3 of Fig. 2. Fig. 4 is a section on the line 4—4 of Fig. 1. Fig. 5 is a section on the line 5—5 of Fig. 3. Fig. 6 is a section in detail taken through the adjusting mechanism, on an enlarged scale.

Referring specifically to the drawings, the handle of the tool is designated at 6, the same being preferably of wood or similar material, and the burnishing block is designated at 8 which has the prong or shank 20 engaging in the end of the handle 6. The prong 20 may be square or screw-threaded, or of any desired type. The burnishing block 8 has the outer face or end thereof curved to form a convex burnishing surface 24 and at the upper and lower ends of the said burnishing surface are provided the molder flanges or lips 12 and 26, respectively. The burnishing block 8 has a vertical rectangular opening 9 therethrough and a vertical screw 10 is pivoted for rotation centrally through the said opening having the upper end thereof headed within a countersunk bore at the upper end of the burnishing block as shown at 15 and at the lower

end is provided with a knurled head 11 by which means the same may be rotated. An adjustable block 13 which is of U-shape is mounted on the outer end of the burnishing block 8 over the burnishing surface 24 thereof and has the legs thereof straddling the sides of the burnishing block. This block 13 has a cross piece 16 connecting the legs thereof which cross piece passes through the opening 9 in the burnishing block and has a threaded aperture therethrough receiving the screw 10. The outer end of the block 13 is curved to form a supplemental burnishing surface 14 and is provided at its lower edge with the molder flange or lip 19. The upper edge of the block 13 is raised around the burnishing surface 11 to form a lip 17 cooperating with the lip 12 of the burnishing block, the edge of the sole of the shoe being arranged to be received between the lips 17 and 12. Lips 7 project from the forward end of the handle 6 over the respective faces of the burnishing block and receive thereunder the inner ends of the block 13.

In one side of the block 8 are a series of notches 18 having suitable graduations cooperating therewith. A double leaf spring 21 is secured on one of the arms of the block 13 by a screw 22 and has the ends thereof bent inward to form teeth adapted to engage in the notches 18, the tension of the said spring normally forcing the teeth into engagement with the notches 18. In the ends of the spring 21 are elongated slots 23 and sliding rivets 27 are arranged in the said slots and are headed on each side of the spring. When the said rivets 27 are slid toward the ends of the spring the ends of the spring are free to engage the notches 18 and upon sliding the same inwardly they are arranged to ride on the curved surface of the block 13 to raise the teeth 25 from the notches 18 to permit the block 13 to be adjusted.

The tool is used in the accustomed manner, the burnishing block or head being heated and the burnishing surface 24 being applied to the edge of sole. By rotating the screw 10 it will be seen that the block 13 may be adjusted to and from the molder flanges or lips 12 and 26 to adjust the tool for various thicknesses of soles, the spring 21 serving to set and hold the block 13 in any position. The blocks 8 and 13 may be

of any suitable material, preferably metal such as iron. It will therefore be seen that by heating the burnishing block 8 that the block 13 is also heated and that the supplemental burnishing surface 14 may be used for trimming the shank of the shoe or for trimming any other part of the shoe for which it may be useful. The supplemental burnishing surface 14, it will be noted, is slightly inclined and stepped for the convenience in the use thereof. It is understood, however, that the handle 6 may be omitted and that the burnishing block may be supported in any suitable manner from a post, standard, or the like, it being customary in factories to support the burnishing block in a stationary manner and the shoes are manipulated thereon to trim the edges of the soles and other parts thereof. It is also understood that this device is susceptible of alterations in its details within the scope of the appended claims without departing from the spirit of the invention.

What is claimed is:—

1. In a tool of the character described, a burnishing block having a series of graduated notches therein, a supplemental burnishing block adjustably mounted on the said block, a double leaf spring secured to the latter block and having the ends thereof pressed toward the notches to normally en-

gage same, and means for raising the ends of the spring.

2. In a tool of the character described, a burnishing block having a series of graduated notches therein, a supplemental burnishing block adjustably mounted on the said block, a leaf spring secured to the latter block and having the ends thereof pressed toward the said notches to normally engage same, and the said spring having an elongated slot therein, and a rivet slidably arranged in the said slot and headed on each side of the spring and adapted to ride on the latter block to raise the end of the spring.

3. In a tool of the character described, a burnishing block having a series of graduated notches therein, a supplemental burnishing block adjustably mounted on the said block, a double leaf spring secured to the latter block and having the ends thereof pressed toward the said notches to normally engage same, and sliding members on the ends of the spring arranged to ride on the latter block to raise the ends of the spring.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

PETER CARETTI.

Witnesses:

JAMES ROSSI,
ARAYO S. GOODWIN.