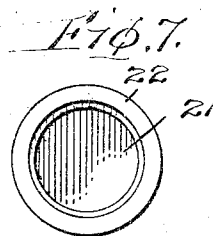
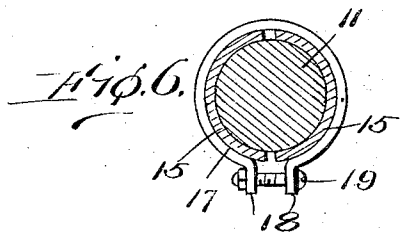
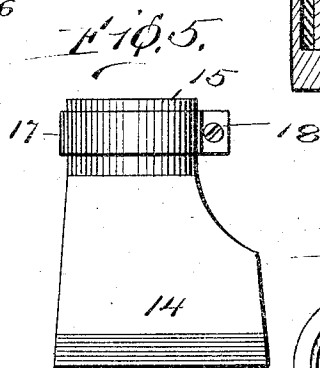
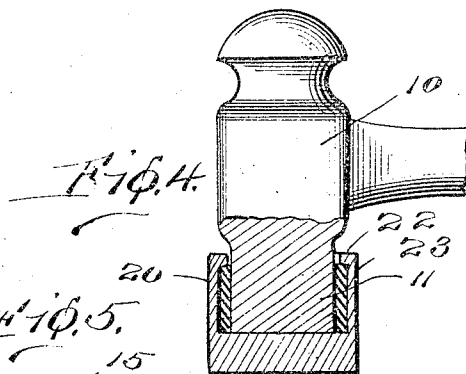
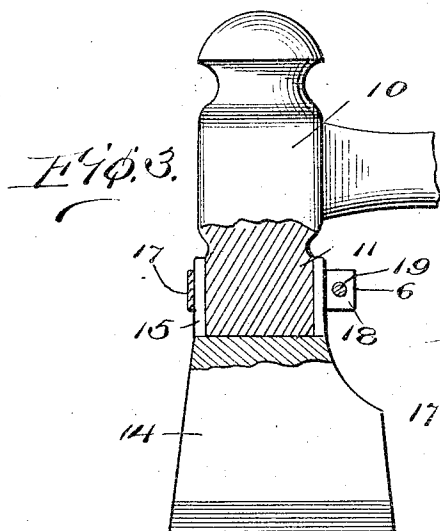
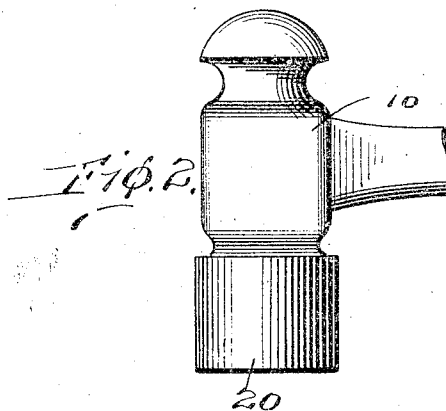
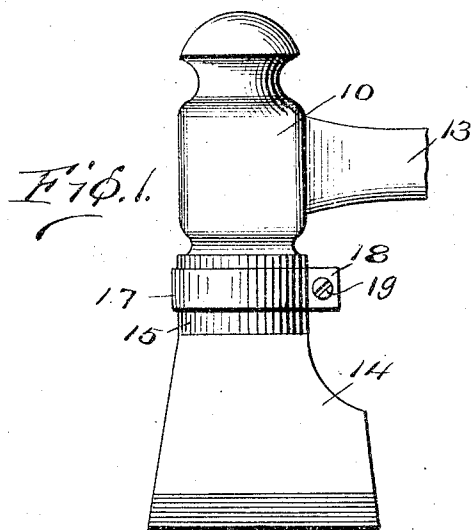


J. W. LOVERING.
TOOL.
APPLICATION FILED OCT. 11, 1911.

1,056,920.

Patented Mar. 25, 1913.



Witnesses

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UNITED STATES PATENT OFFICE.

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TOOL.

1,056,920.

Specification of Letters Patent.

Patented Mar. 25, 1913.

Application filed October 11, 1911. Serial No. 654,133.

To all whom it may concern:

Be it known that I, JOHN W. LOVERING, a citizen of the United States, residing at Sandown, in the county of Rockingham and State of New Hampshire, have invented certain new and useful Improvements in Tools; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to tools, and particularly to hammers, being designed to provide a means whereby a hammer of the ball type may be converted into a hatchet or copper face hammer.

This invention contemplates the provision of a means for performing the above object, whereby the hatchet attachment of the hammer is positive in its engagement of the hammer, and firm and substantial in construction.

With the above and other objects in view, this invention consists of the construction, combination and arrangement of parts, all as hereinafter more fully described, claimed and illustrated in the accompanying drawings wherein:—

Figure 1 is a side elevation of a hammer provided with the hatchet attachment forming the subject matter of the present invention. Fig. 2 is a similar view, illustrating the hammer provided with the copper face attachment. Fig. 3 is a similar view to Fig. 1 with parts thereof in section. Fig. 4 is a similar view to Fig. 2, having the hammer face and copper face in section 2, illustrating the connection thereof with the hammer. Fig. 5 is the side elevation of the hatchet attachment. Fig. 6 is the section taken along line 6—6 of Fig. 3. Fig. 7 is a top plan view of the copper face attachment.

The tool, or hammer, forming the subject matter of the present invention comprises a hammer of the type commonly known as the ball hammer, said hammer being provided with a detachable hatchet attachment which is adapted to be secured to the hammer face. This attachment is so constructed that the upper terminal thereof is provided with a split tubular projection which forms the upper or diametrically disposed spring bars which are adapted to engage the face

of the hammer and rigidly secure the face of the attachment thereto. In order to provide a positive engagement between these spring bars and the face of the hammer a spring band encircles the spring attaching members and is provided with projections at its terminals, said projections being pierced by the screw which provides for the ready adjustment of the spring band and consequently the spring hammer face engaging members.

The copper face attachment comprises a cylindrical hammer face engaging member provided with a heavy transverse closure of one terminal thereof, the entire member being constructed of copper. An inwardly extending flange is provided at the upper terminal of the cylindrical hammer face engaging portion and retains a tubular, flexible gasket therein, said gasket forming a suction about the hammer face and thereby provides for the positive engagement of the hammer by the copper face attachment.

Referring now more particularly to the drawings, 10 indicates a hammer of any suitable construction of the type commonly known as the ball hammer, the hammer face 11 of which is constructed of any suitable material such as steel, iron, etc.

In Figs. 1, 3, 5 and 6 is illustrated a hatchet attachment comprising a blade 14 which is provided at its upper terminal with the semi-circular spring hammer engaging members 15, the adjacent vertical edges of which are spaced in order that any suitable adjustment thereof may be had for the attachment to hammers of various sizes and shapes. A spring band 17 encircles the spring engaging members 15 and is provided with the outwardly extending bent portions 18 which are pierced by the screw 19, said screw providing a means whereby the spring band may be adjusted to firmly engage the spring members 15, thereby positively attaching the hatchet blade 14 to the hammer face 10.

Referring now to Figs. 2, 4 and 7, 20 indicates a copper tubular member having the lower terminal thereof closed by the heavy copper face 21. The upper terminal of the tubular portion 20 is provided with the inwardly extending flange 22. This flange 22 retains a rubber or other flexible gasket 23

within said tubular member 20, said gasket forming a means whereby the copper face 21 is firmly secured to the hammer 10.

Having thus fully described my invention, what I claim as new and desire to secure by U. S. Letters Patent, is—

The combination with a hammer, of a hatchet blade attachment comprising a split sleeve adapted to engage the hammer head and formed with a blade, a band externally

of the sleeve, and a set screw binding the ends of the band together to tension the sleeve and bind the device to a hammer.

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

JOHN W. LOVERING.

Witnesses:

JESSE B. PATTEE,
EDWARD S. GEORGE.