

April 21, 1925.

1,534,277

C. N. LOVEN
CLAW HAMMER NAIL PULLER
Filed Dec. 11, 1923

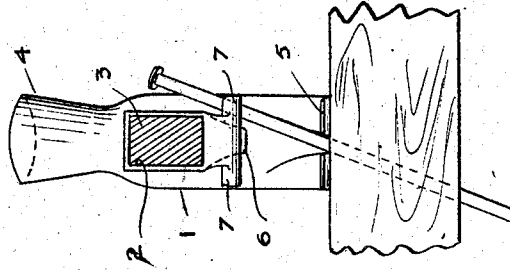


FIG. 3

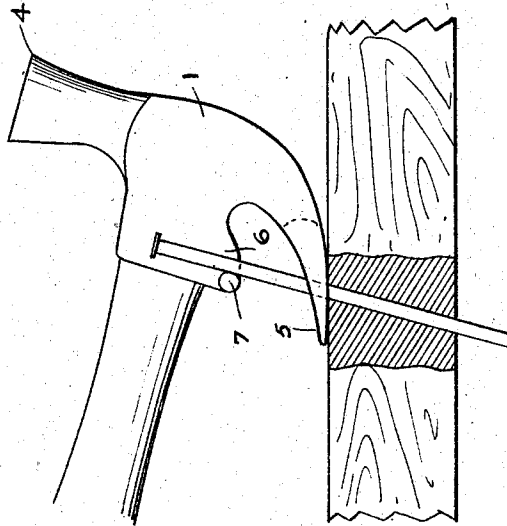


FIG. 2

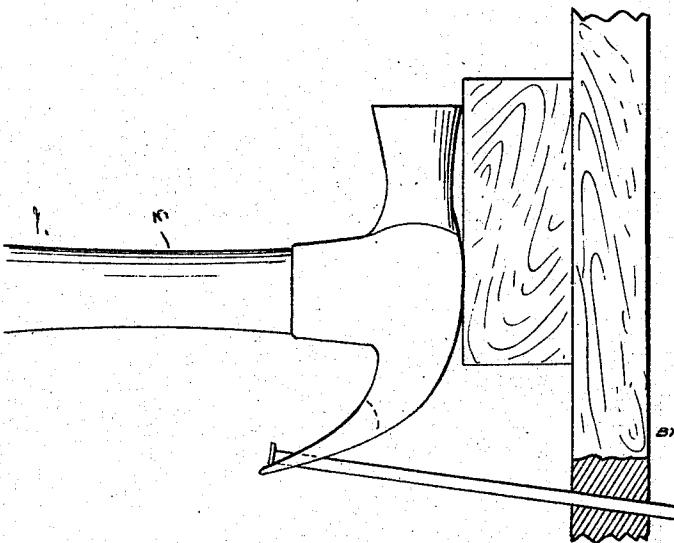


FIG. 1

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UNITED STATES PATENT OFFICE.

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CLAW-HAMMER NAIL PULLER.

Application filed December 11, 1923; Serial No. 679,930.

To all whom it may concern:

Be it known that I, CARL N. LOVEN, a citizen of the United States, residing at Oakland, in the county of Alameda and State of California, have invented new and useful Improvements in Claw-Hammer Nail Pullers, of which the following is a specification.

The present invention relates to improvements in "claw" hammers and more particularly to a novel, simply constructed and useful nail pulling attachment for such hammers.

With the ordinary claw hammer difficulty is experienced in extracting nails when the nail head projects considerably beyond the work and particularly when the nail is driven into the work at an angle. Usually a block has to be put under the hammer in order to secure a fulcrum or bearing when the head of the nail cannot be reached by the claw of the hammer.

The present invention resides in the provision of a bearing and gripping member on the head of a claw hammer, which member will, in combination with the claw of the hammer, provide for an effective gripping of a nail regardless of its position, it being unnecessary to effect an engagement of the claw with the head of the nail.

A further object of the invention is to provide a claw hammer of the character described which, in view of the fact that the claw of the hammer does not have to be engaged with the head of a nail, will not break off or damage the heads of nails and will therefore provide for ready extraction of nails which have no heads.

Another object of the invention is to provide a hammer of the character described in which the invention may be carried out by the simple expediency of forming as a part of the hammer, a projection or lug at a point so disposed with relation to the claw, that it may serve as a bearing and grip a nail when the latter is engaged in the claw of the hammer.

A further object is to provide a claw hammer of the character described which may be quickly and easily adjusted to provide for an easy extraction of nails of all sizes, whether the hammer is operated in the right or left hand.

With the above mentioned and other objects in view, the invention consists in the novel construction and combination of parts

hereinafter described, illustrated in the accompanying drawing, and set forth in the claim hereto appended, it being understood that various changes in the form, proportion, size and minor details of construction within the scope of the claim may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

Referring to the drawing:

Fig. 1 represents a fragmentary side elevation of an ordinary claw hammer shown mounted on a block as would be required to extract a nail driven partly into the work and with the head projected considerably beyond the face of the work.

Fig. 2 represents a side elevation of the hammer of my invention showing the manner of use thereof.

Fig. 3 represents a view in elevation of the hammer of my invention taken at right angles shown in Fig. 2.

The hammer of my invention comprises the usual body portion 1, including a socket 2 receiving the handle 3, and provided with a head 4 and claw 5. Extending from the body and socket portion is a projection 6 on opposite sides of which are lateral bearing and gripping lugs 7. These lugs are disposed over and in spaced relation to the claw of the hammer in order that when the shank of a nail is engaged in the claw, it may also be engaged behind the outer face of the projection.

These members on the body of the hammer together with the claw will provide for a gripping of the nail between its ends in such manner that it may be readily removed without requiring that the head of the nail be engaged by said members or the claw.

As shown, in order to grip the nail with the hammer of my invention, the hammer is turned or inclined from the perpendicular to engage the head of the nail and is then tilted forwardly so as to cause the nail to engage behind the front edge of one projection. The operator by pulling upwardly on the handle grips the nail firmly between the claw and said projection so that on continuing said upward movement of the handle, the nail will be extracted, the head of the hammer, of course, bearing on the work. With the hammer constructed in accordance with the present invention, it will be seen that nails, regardless of size or the manner in which the head ends project from the

work, may be quickly and easily withdrawn without necessitating the placing of a block or bearing under the hammer. Inasmuch as the heads of the nails need not be engaged, 5 the bending or breaking of the heads is prevented. In case of a nail having no head or in which the head had been broken off, the ordinary claw hammer cannot be used to remove the nail but with my invention, nails 10 of this character may be removed as easily and as well as nails having heads. By providing the projections on both sides of the head of the hammer, provision is made for

an effective nail pulling operation whether the hammer is used in the right or left hand. 15

I claim:

A claw hammer comprising a body portion having a bifurcated claw, a downward projection on the body portion above said claw and laterally extending portions on opposite sides of said projection, which portions together with the claw are adapted to engage with nails to provide for extraction thereof. 20

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