

(No Model.)

N. B. KEYES.
TACK PULLER.

No. 468,564.

Patented Feb. 9, 1892.

Fig 1

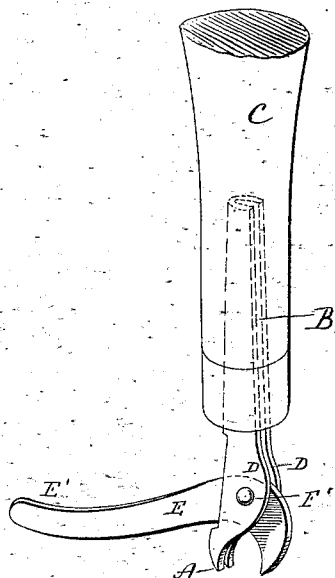


Fig 2

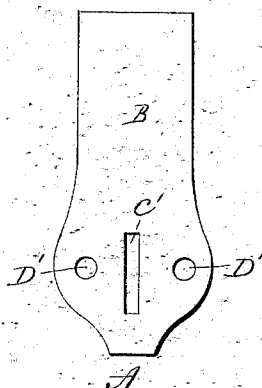


Fig 3



Witnesses:
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NELSON B. KEYES, OF UNIONVILLE, CONNECTICUT.

TACK-PULLER.

SPECIFICATION forming part of Letters Patent No. 468,564, dated February 9, 1892.

Application filed August 24, 1891. Serial No. 403,544. (No model.)

To all whom it may concern:

Be it known that I, NELSON B. KEYES, of Unionville, in the county of Hartford and State of Connecticut, have invented a new Improvement in Tack-Pullers; and I do hereby declare the following, when taken in connection with accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a perspective view of a tack-puller constructed in accordance with my invention with the upper end of its handle broken away; Fig. 2, a plan view of the blank from which the folded body of the instrument is formed; and Fig. 3, a detached view, in side elevation, of the pivotal jaw of the tool.

My invention relates to an improvement in tack-pullers, the object being to produce from sheet metal a cheap, strong, durable, and convenient instrument.

With these ends in view my invention consists in the combination, with a folded sheet-metal body having parallel sides and constructed at its outer end to form a jaw and having an oblong opening formed in its folded edge at a point near the said jaw, of a jaw hung between the sides of the said body, passing through the opening therein and having a long curved tail forming a fulcrum. As herein shown, the folded sheet-metal body of the tool has parallel sides and is constructed at its outer end to form a jaw A, while its opposite end is shaped to form a shank B, which is inserted into a suitable handle C. An oblong opening C' is formed in the folded edge of the said body, in line therewith, at a point

near the jaw thereof. Opposite this opening the edges of the body are widened to form ears D-D, in which aligned perforations D' D' are formed. The blank from which the body is made is shown by Fig. 2 of the drawings ready for folding. A sheet-metal jaw E, formed from a suitable blank of heavy sheet metal and constructed with a perforation F and with a long curved tail E', which forms a fulcrum in the operation of the device, is hung between the sides of the body on a pin F', passing through its perforation F and the perforations D' D' of the body and passes through the opening C' thereof. The said jaw E and its tail E' are in this way hung between the sides of the body, with which they form substantially a right angle. By bending the sheet-metal body, as described, it is made very stiff.

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

In a tack-puller, the combination, with a folded sheet-metal body having parallel sides and constructed at its outer end to form a jaw and having an opening formed in its folded edge at a point near the said jaw, of a jaw hung between the sides of the said body, passing through the opening therein and having a long curved tail forming a fulcrum, substantially as described.

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

NELSON B. KEYES.

Witnesses:

CHARLES C. GEORGIA,
CLARA M. GEORGIA.