J. ROLSTON.

NAIL PULLING DEVICE.

APPLICATION FILED JULY 1, 1915.

1,292,886. Patented Jan. 28, 1919.

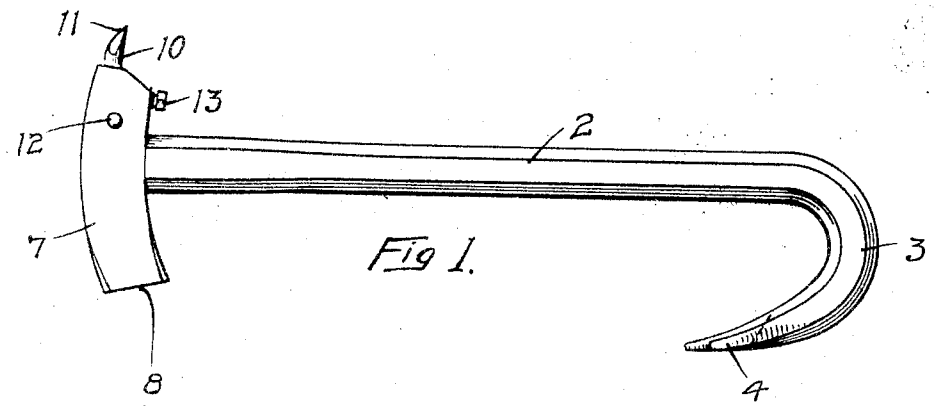


Fig 1.

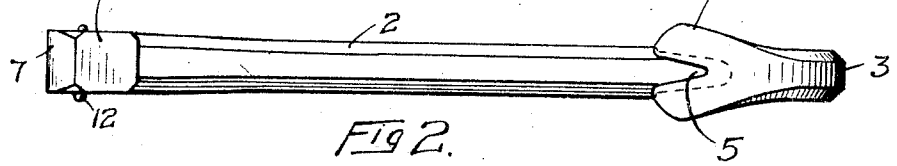


Fig 2.

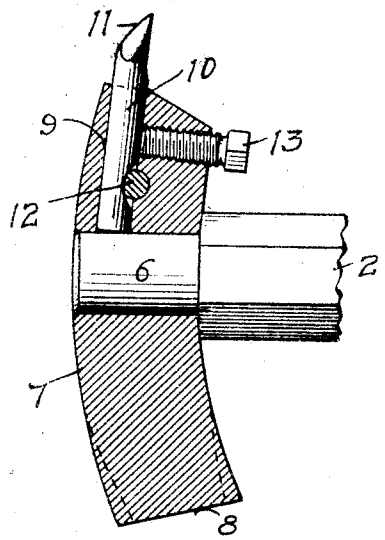


Fig 3.

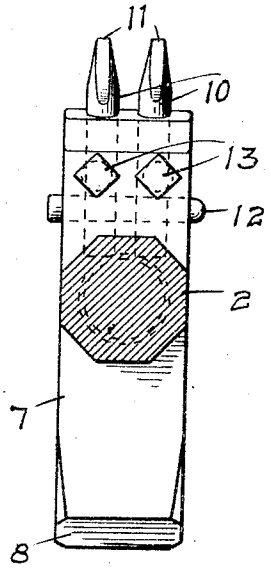


Fig 4.

WITNESSES

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UNITED STATES PATENT OFFICE.

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NAIL-PULLING DEVICE.

1,292,886. Specification of Letters Patent. Patented Jan. 28, 1919.

Application filed July 1, 1915. Serial No. 37,467.

To all whom it may concern:

Be it known that I, JOHN ROLSTON, citizen of the United States, resident of Minneapolis, county of Hennepin, State of Minnesota, have invented certain new and useful Improvements in Nail-Pulling Devices, of which the following is a specification.

The object of my invention is to provide a tool by means of which nails can be driven or easily and quickly removed from a box or barrel.

The invention consists generally in various constructions and combinations, all as hereinafter described and particularly pointed out in the claim.

In the accompanying drawings forming part of this specification,

Figure 1 is a side view of a nail drawing tool embodying my invention,

Fig. 2 is an edge view of the same,

Fig. 3 is a sectional view through the head of the device,

Fig. 4 is a transverse sectional view through the shank, looking toward the head.

In the drawing, 2 represents the shank and handle of the tool. This is preferably composed of steel or iron rod of suitable dimensions, having a hook 3 formed at one end, terminating in a claw 4 provided with the usual V-shaped recess 5 to receive the shank of the nail that is to be pulled. The hook 3 is so formed that a very heavy leverage is obtained on the nail shank and the tool is thereby adapted for drawing nails of the largest size.

At the opposite end of the shank a stud 6 is formed on which a head 7 is mounted. This head is preferably curved slightly and provided with a flat driving face 8 at one end. At the other end sockets 9 are formed to receive pins 10. These pins are preferably of steel and have tapered ends 11 and are adapted to be driven into the wood near the head of the nail and crush it sufficiently to allow the end of the claw to be inserted and engage the shank of the nail under the head.

The pins are preferably secured in their sockets by means of a key 12 and in addition clamping screws 13 may also be mounted in the head, having their inner ends seated against the shanks of the pins.

This head may be made of any suitable size and the manner of mounting it on the shank may be varied and the position of the pins in the head may be changed and still be within the scope of my invention.

I claim as my invention:

The within implement comprising a shank provided with a head one end of which is formed with longitudinally extending sockets, spaced apart pins fitting in the sockets to break wood fiber at different points about a nail-head preparatory to extracting the nail, and a locking key passed transversely through the head across both pins and interlocking with the pins to secure them in position.

In witness whereof I have hereunto set my hand this 21st day of February, 1916.

JOHN ROLSTON.