(No Model.)

A. C. NICKLOY.

TACK HAMMER.

No. 563,402. Patented July 7, 1896.

Fig. 1.

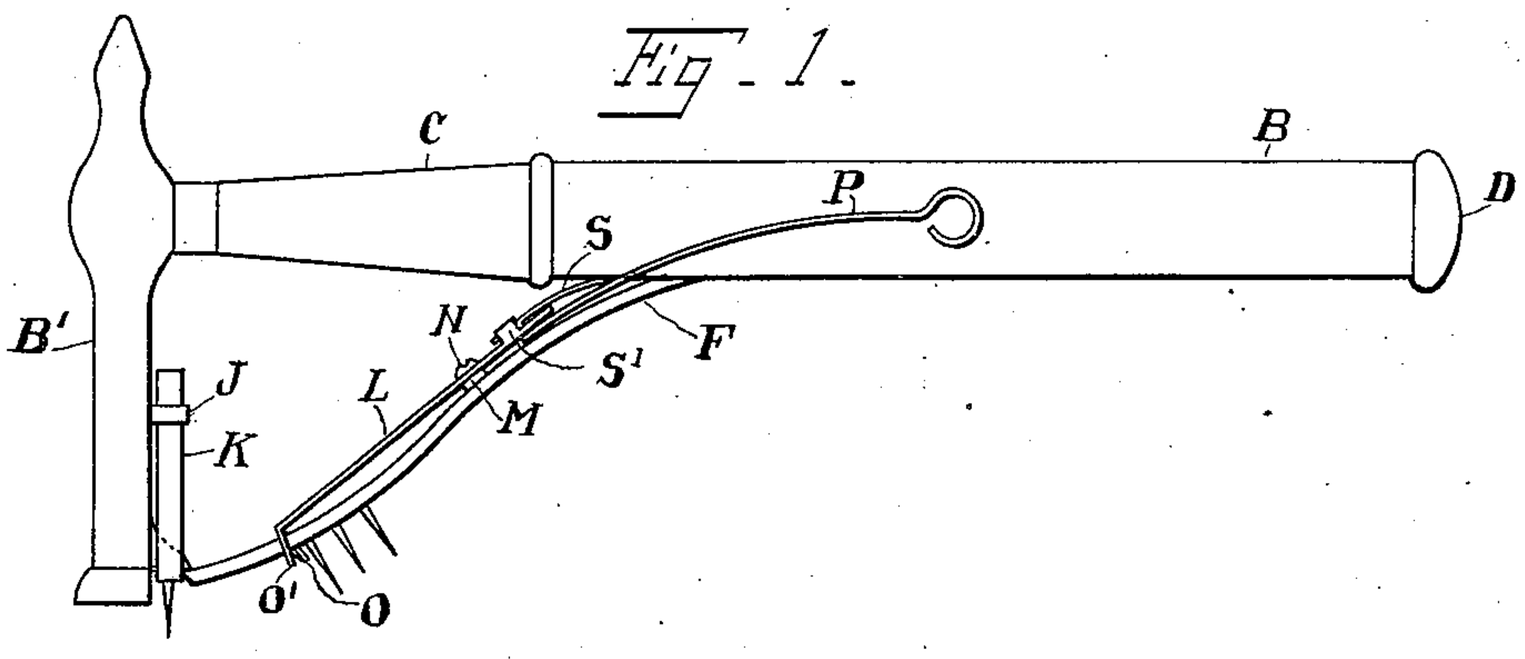

Fig. 2.

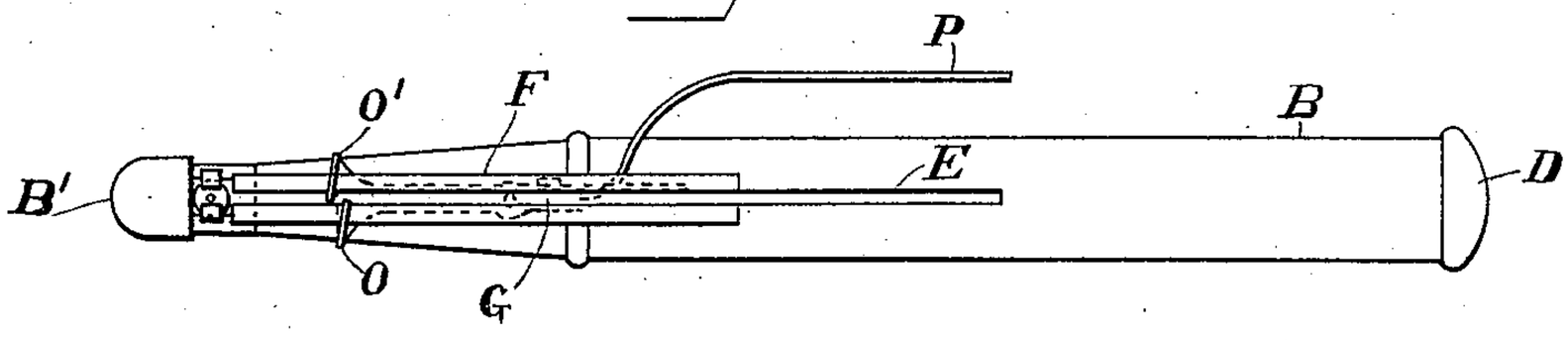

Fig. 3.

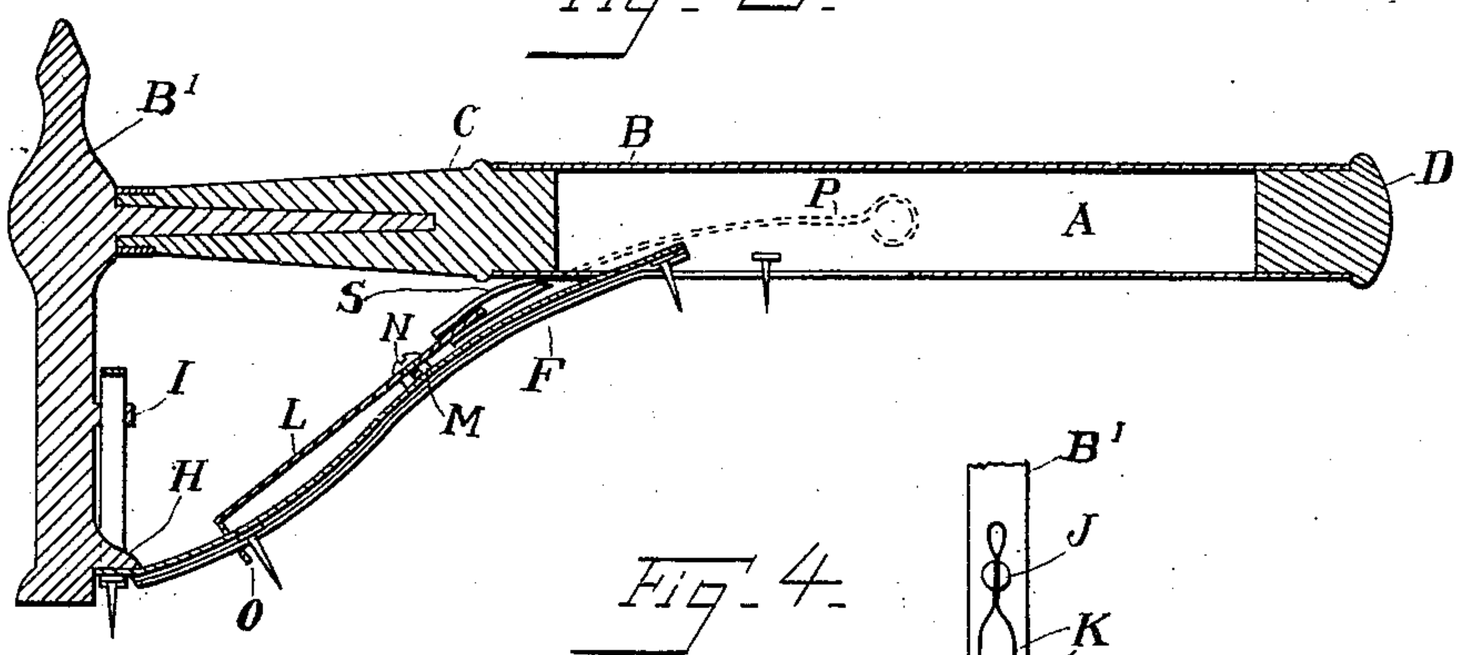

Fig. 4.

Witnesses
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James M. Tully.

By his Attorney
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UNITED STATES PATENT OFFICE.

ALDEN C. NICKLOY, OF GLOVERSVILLE, NEW YORK.

TACK-HAMMER.

SPECIFICATION forming part of Letters Patent No. 563,402, dated July 7, 1896.

Application filed April 3, 1895. Serial No. 544,240. (No model.)

To all whom it may concern:

Be it known that I, ALDEN C. NICKLOY, a citizen of the United States, residing at Gloversville, in the county of Fulton and State of New York, have invented a new and useful Tack-Hammer, of which the following is a specification.

My invention relates to a tack-hammer provided with a hollow handle to contain the tacks, a slotted chute or carrier extending from a slot in the handle to an anvil formed on the hammer-head to guide or convey the tacks from the handle to the anvil, which is partially embraced by spring-jaws to hold the tacks, to which chute or carrier is secured a device for regulating the passage of the tacks, consisting of a lever provided with two arms extending partially around the chute, the lever being pivoted on the chute and operated in one direction by the operator and in the other by a spring; and the object of my improvement is to provide a tack-hammer by which tacks or nails may be held and driven without handling. I attain this object by the means illustrated in the accompanying drawings, in which—

Figure I is a side view, Fig. II a bottom view, Fig. III a central sectional view, of the hammer, and Fig. IV an enlarged detached view showing the spring-jaws.

The same letters refer to like parts in the different views.

The hollow part A of handle B is secured to a solid part C, connected to or formed on the head B′ of the hammer. The hollow part is provided with a cap or stopper D, which is removed to receive the tacks, and a slot E. A chute F extends into the interior of the handle and is provided with a slot G of the same width as slot E and becomes an extension of the same, as shown in the drawings. The opposite end of chute F is secured to an anvil H, formed on the head and near the face of the hammer. A pin I, provided with a slot J, is formed on the hammer, and in this slot are secured spring-jaws K, which extend down over the side of anvil H, as clearly shown in Fig. IV of the drawings. A lever L works on a pivot M, formed on chute F, and is secured thereon by a screw-nut N. This lever is provided at its lower end with two arms O O′, which pass partially around chute F, and is clearly shown in Figs. I and II of the drawings. The lever L is also provided with a handle P, and a spring S is secured to the handle of the hammer or said chute at one end and the other end presses against a lug S′, formed on said lever.

The tacks are placed in hollow part A, and stopper D is inserted. Then by a quick movement of the hammer the points of the tacks are made to project through slot E. The size of the heads prevents the tacks falling out, and by lowering the head of hammer the tacks run down the chute F, the heads of the tacks being held in the slide by flanges formed thereon. A tack passes the first arm O of lever L and strikes against the second arm O′, and by pressing inward the handle P of said lever the tack is released and the passage is simultaneously partially closed by arm O of the lever, which stops the other tack or tacks in the carrier. The pressure being removed from handle P, the lever is brought back to its normal position by means of spring S, and another tack passes arm O of the lever. The tack when released from arm O′ passes down until the head is under anvil H, and is held in position by spring-jaws K, and by a blow of the anvil H the tack is partially driven. Then by raising the head of the hammer the tack is released from the spring-jaw K, and the driving is completed by a blow given on the face of the hammer.

What I claim as my invention, and desire to secure by Letters Patent, is—

In a tack-hammer, the combination of a head having a horizontal under face above the end face of the head, spring-jaws movable inwardly from each side underneath the said under face, but restrained from meeting thereunder, whereby there is formed a tack-head chamber having a slotted bottom, a tack-receptacle, and a slotted chute therefrom having a horizontal discharge end alining with said jaws, which latter form a continuation of said chute, substantially as described.

ALDEN C. NICKLOY.

Witnesses:
P. S. MURPHY,
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