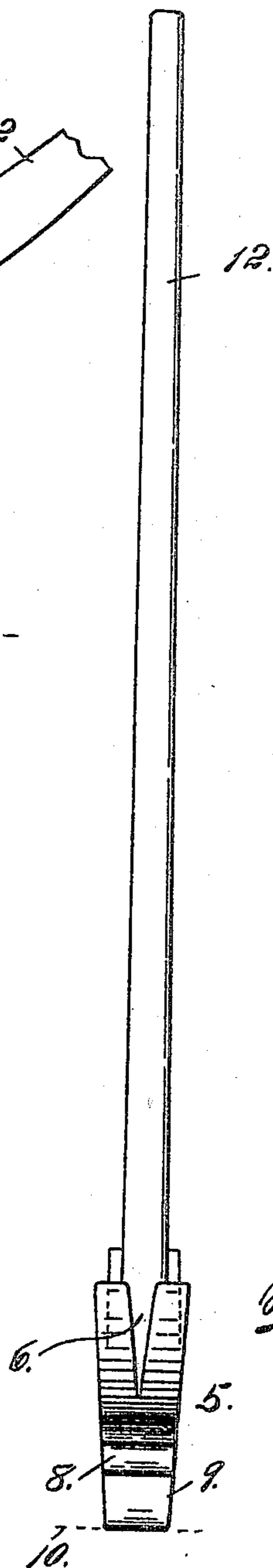
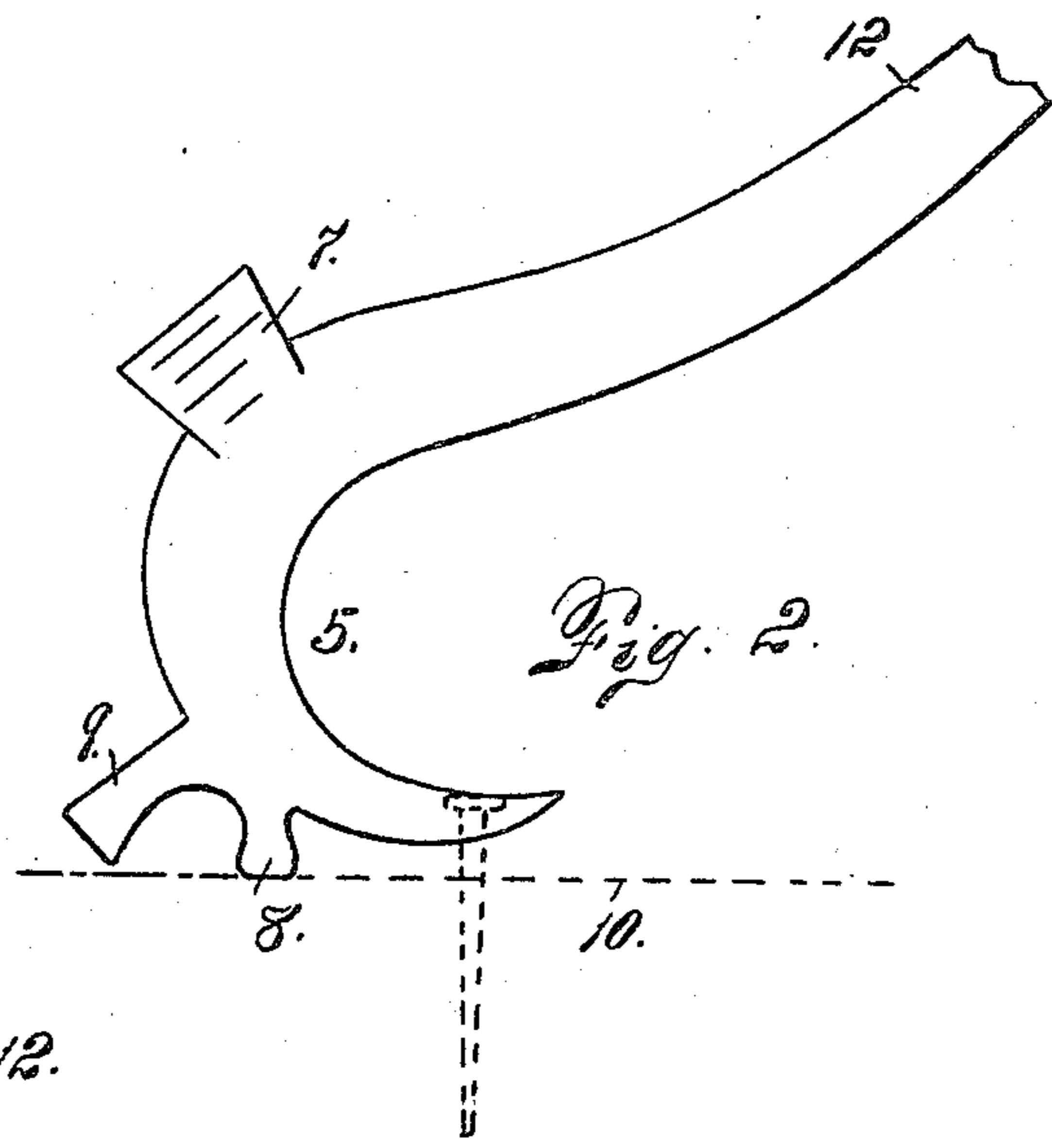
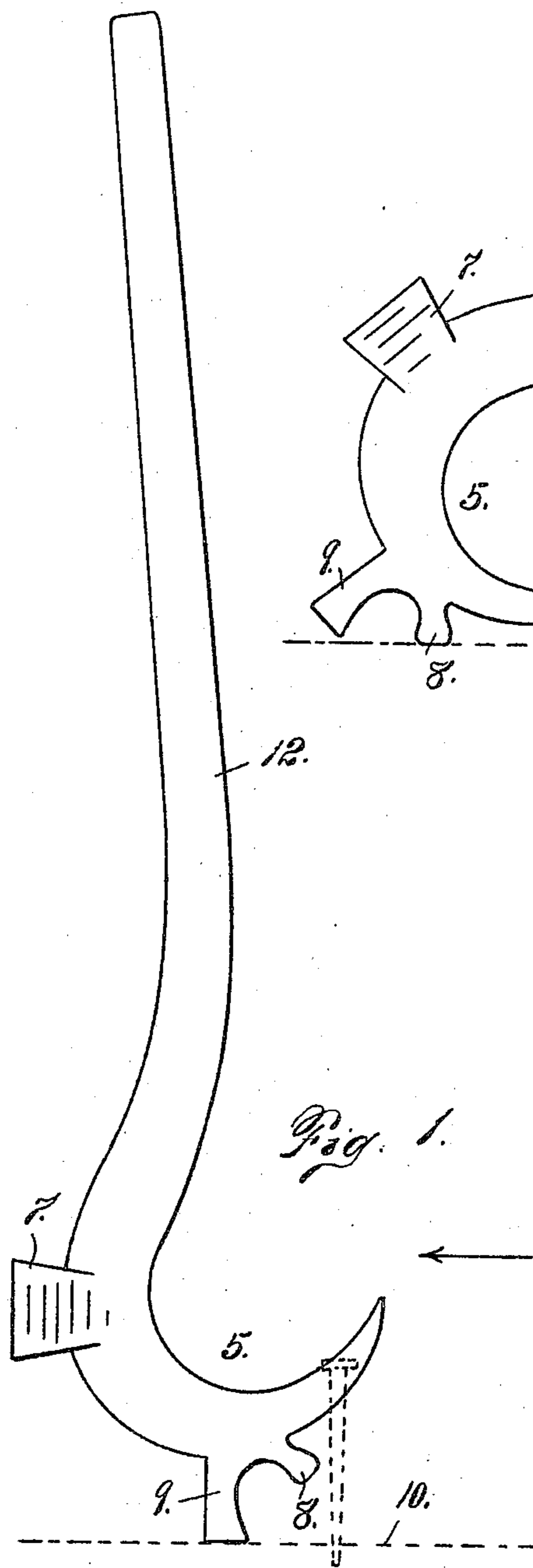


No. 812,985.

PATENTED FEB. 20, 1906.

C. F. FIFER.
CLAW HAMMER AND SPIKE PULLER.
APPLICATION FILED JULY 14, 1903.



Witnesses
Otto E. Heddlich.
Fern Fred.

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UNITED STATES PATENT OFFICE.

CHARLES F. FIFER, OF BOULDER, COLORADO.

CLAW-HAMMER AND SPIKE-PULLER.

No. 812,985.

Specification of Letters Patent.

Patented Feb. 20, 1906.

Application filed July 14, 1903. Serial No. 165,521.

To all whom it may concern:

Be it known that I, CHARLES F. FIFER, a citizen of the United States of America, residing at Boulder, in the county of Boulder and State of Colorado, have invented certain new and useful Improvements in Claw-Hammers and Spike-Pullers; and I do 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, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in a tool adapted to be used both as a hammer and as a spike or nail pulling device.

An important feature of my improved tool consists in a projection located in suitable proximity to the claw extremity and acting as a fulcrum during the operation of pulling a nail or spike.

The peculiar shape of my improved tool is also an important feature, since it permits the driving of the claw extremity of the device under the head of the nail or spike to be pulled. The working extremity of the device is curved, having the claw at the extreme or free end, the hammer-head somewhat removed from the claw, and the fulcrum projection intermediate the claw and the hammer-head.

Having briefly outlined the construction of my improved tool and stated some of its advantages, I will proceed to describe the same in detail, reference being made to the accompanying drawings, in which is illustrated an embodiment thereof.

In the drawings, Figure 1 is a side view of my improved device, showing its position at the completion of the nail-pulling act. Fig. 2 is a similar view with the handle partly broken away, showing the position of the tool at the beginning of the nail-pulling act. Fig. 3 is a detail view of the tool looking in the direction of the arrow in Fig. 1.

The same reference characters indicate the same parts in all the views.

Let the numeral 5 designate the curved extremity of my improved tool, which is bifur-

cated or provided with a V-shaped slot 6, forming the claw end of the tool, which end straddles the nail or spike to be pulled when the tool is in use. Projecting from the part 5 at a point suitably removed from the claw end of the device is the hammer-head 7. Between this head and the claw or bifurcated part are formed two projections 8 and 9. The two parts are sufficiently separated to straddle a part, as a railroad-rail or other device, adjacent which the tool is used. This construction is important when pulling railroad-spikes, since the recess is of a depth to receive the rail, which is straddled by the two projections 8 and 9, thus making it practicable to use the device when a tool without the recess could not be employed. The part 8, which is located nearer the claw, is shorter than the part 9 and forms the fulcrum of the tool during the beginning of the nail or spike pulling act. As the head of the nail or spike is raised higher the fulcrum 8 leaves the surface 10, and the fulcrum part 9 engages such surface, with which it remains in contact during the completion of the operation.

The handle 12 of the device may be of any desired length and may be regulated to give the desired or necessary leverage.

The tool in its entirety may be of any desired size that may be necessary to give the strength required to perform the work. When railroad-spikes or spikes of any character, for instance, are to be pulled or drawn, the tool must of course be made much larger and stronger than when the device is used with nails of ordinary size.

Having thus described my invention, what I claim is—

1. A tool provided with a handle merging into a curve of comparatively small radius, the curved part having a claw at one end and a hammer head or face at the other end, and a projection extending outwardly from the convex side of the curve and located between the claw and the hammer-head, the said projection consisting of two suitably separated members, the handle of the tool extending parallel or nearly so with the direction of the free end of the curved part.

2. A tool provided with a handle having a

curved part at one end, the curved part having a claw at its free extremity, a hammer-face at its opposite extremity, and two projections differing in length and extending outwardly from the convex side of the curve, the
5 two projections being located between the hammer-face and the claw and being suitably separated, the handle of the tool extend-

ing parallel or nearly so with the direction of the claw.

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

CHARLES F. FIFER.

Witnesses:

A. J. O'BRIEN,
FERN FRED.