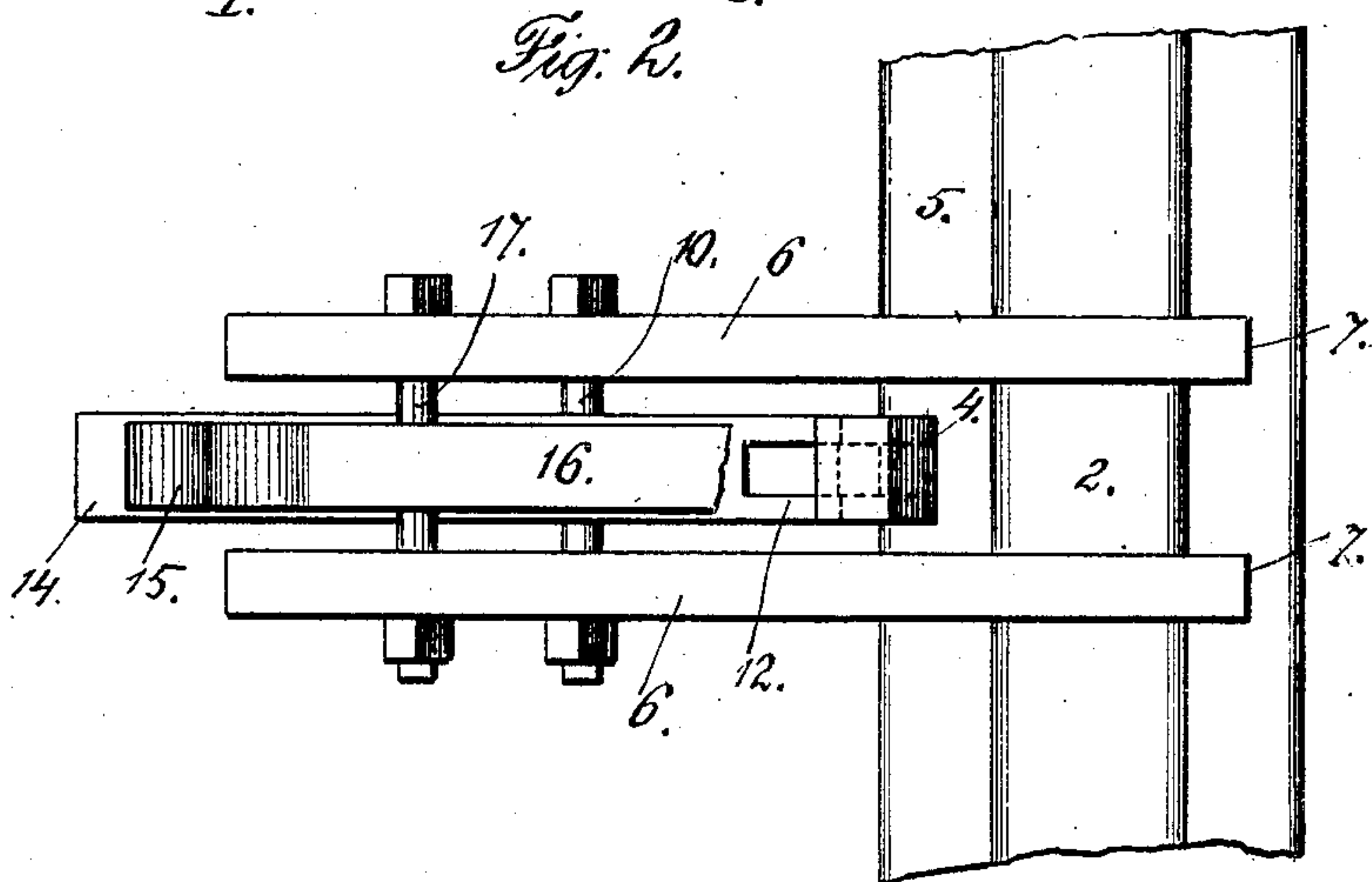
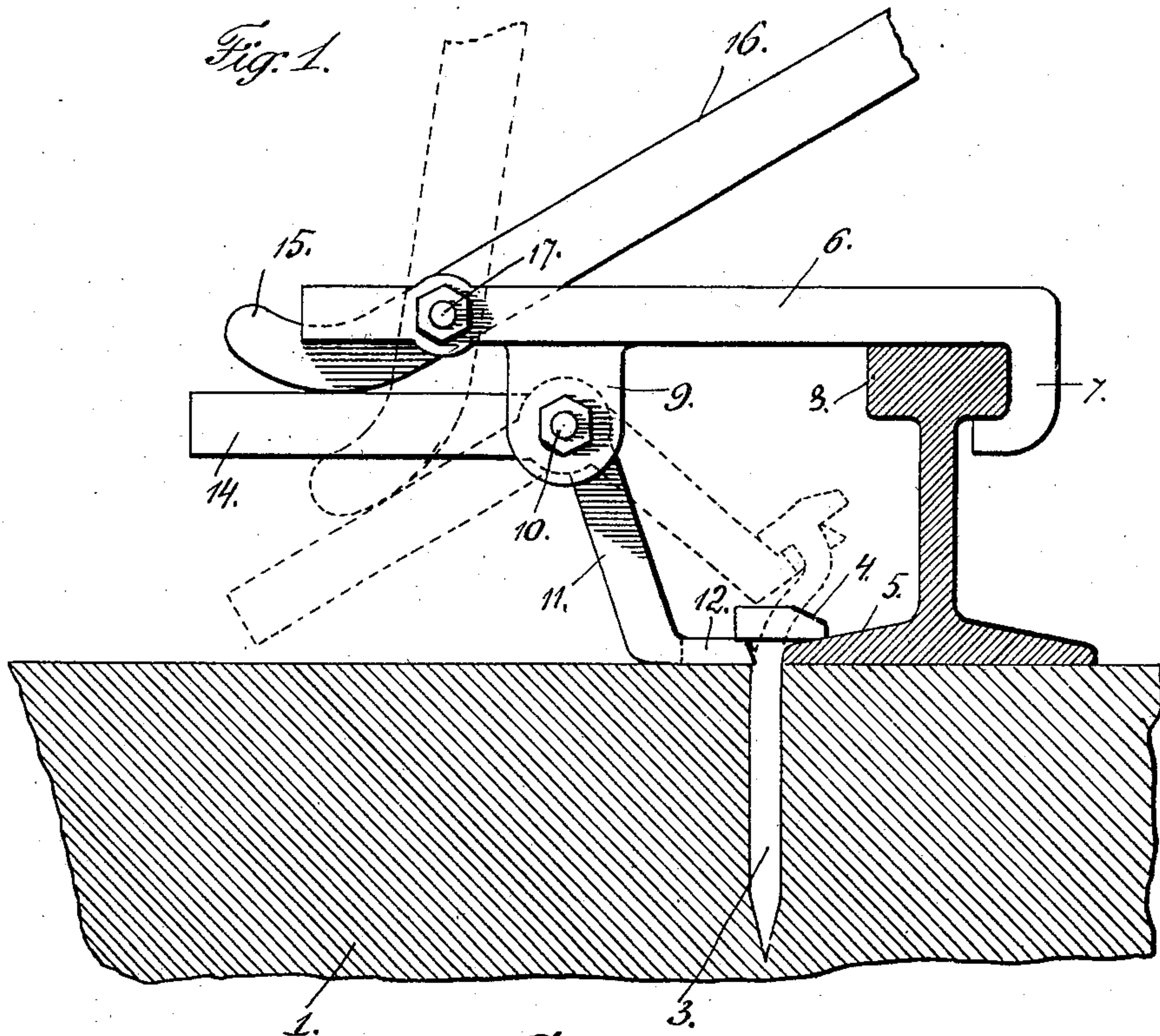


No. 880,210.

PATENTED FEB. 25, 1908.

C. E. GLONER.
SPIKE PULLER.

APPLICATION FILED JULY 28, 1907.



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UNITED STATES PATENT OFFICE.

CHARLES E. GLONER, OF CARNEGIE, PENNSYLVANIA.

SPIKE-PULLER.

No. 880,210.

Specification of Letters Patent.

Patented Feb. 25, 1908.

Application filed July 26, 1907. Serial No. 385,614.

To all whom it may concern:

Be it known that I, CHARLES E. GLONER, a citizen of the United States of America, residing at Carnegie, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Spike-Pullers, of which the following is a specification, reference being had therein to the accompanying drawing.

10 A spike pulling device in accordance with this invention embodies two clamping members 6 each formed of an elongated flat bar having a hook end as at 7 for engaging over the tread portion 3 of a track rail-section 2.
15 Each of the clamping members 6 is provided at a point intermediate the ends thereof with a depending apertured lug 9 and through the said lugs 9 extends a transverse member 10. Pivotally mounted upon the member 10 approximately centrally thereof is an angular
20 claw member embodying a downwardly and forwardly inclined portion 11 terminating in its lower end in the claw 12 and at its upper end in a rearwardly extending straight portion 14 which is of a length as to project past the rear ends of the clamping members 6.
25 Extending through the clamping members 6 at a point between the lugs 9 and the rear ends of said members is a transverse member 17 upon which is pivotally mounted approximately centrally thereof a hand lever 16 which has its lower end curved as at 15, the said curved lower end engaging with the portion 14 of the claw member, in engagement
35 with the head of the spike, and by operating the pivot lever, the claw member can be elevated, withdrawing the spike from the tie.

The detail construction of my invention will be presently described, and then specifically pointed out in the appended claims.

In the drawings: Figure 1 is an elevation of the spike pulling device, illustrating the manner in which the same is used, and Fig. 2 is a plan of the same.

45 In the accompanying drawings, 1 designates a tie having a rail tube secured thereto by a spike 3, the head 4 of said spike overlying the base flange 5 of the rail 2.

My spike pulling device consists of two
50 clamping members 6 having hook-shaped ends 7 for engaging the head 8 of the rail 2. The clamping members 6 are provided with depending pierced lugs 9 of a transverse plate 10. Pivotally mounted upon the transverse plate 10 between the lugs 9 is an angular
55 claw member 11 having a claw 12 for

engaging beneath the head 4 of the spike 3. The opposite end 14 of the claw member extends rearwardly and is adapted to be engaged by the curved end 15 of the lever 16, said lever also being pivotally mounted upon a bolt 17 extending through the clamping members 6 adjacent to the lugs 9.

The spike pulling device as above described can be easily and quickly placed in position with relation to the rail and spike, whereby when the lever 16 is swung to depress the end 14 of the claw member 11, the claw 12 of said member engaging the head 4 of the spike 3 will immediately withdraw said
70 spike from the tie 1.

It is thought that the manner of manipulating the spike puller will be readily understood, and I reserve the right to make such changes in the construction of the device as
75 are permissible by the appended claims.

Having now described my invention, what I claim as new, is:—

1. A spike puller comprising a pair of members each consisting of an elongated flat
80 bar having a hooked end adapted to extend over a support, each of said bars provided at a point intermediate the ends thereof with a lug which depends from the lower face of its respective bar, each of said lugs having a
85 circular opening, a transversely-extending member mounted in said openings, a claw member pivotally-mounted upon said transversely-extending member and embodying a forwardly inclined portion terminating at
90 its lower end in a claw, and at its upper end in a rearward portion extending at an angle with respect to said inclined portion, and a lever pivotally-connected with the clamping members at a point between the lugs and the
95 rear ends of said members and having an uninterrupted curvilinear lower end adapted to engage the angularly-extending rear portion of the claw member.

2. A spike puller comprising a pair of
100 members each of which is provided with a depending lug at a point intermediate the ends thereof, each of said lugs formed with a circular opening, a transversely-extending member mounted in the lugs, a transversely-
105 extending member mounted in the clamping members at the rear thereof, a claw member pivotally-mounted upon that transversely-extending member which is mounted in the lugs and embodying a forwardly-inclined
110 portion terminating at its lower end in a claw and at its upper end in the rearward

portion extending at an angle with respect to
said inclined portion, and a lever pivotally-
mounted upon that transversely - extending
member which is mounted in the clamping
5 members and having an uninterrupted cur-
vilinear lower end adapted to engage the angu-
larly-extending portion of the claw member.

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

CHARLES E. GLONER.

Witnesses:

GEORGE V. LAWRENCE,
A. W. McMILLEN.