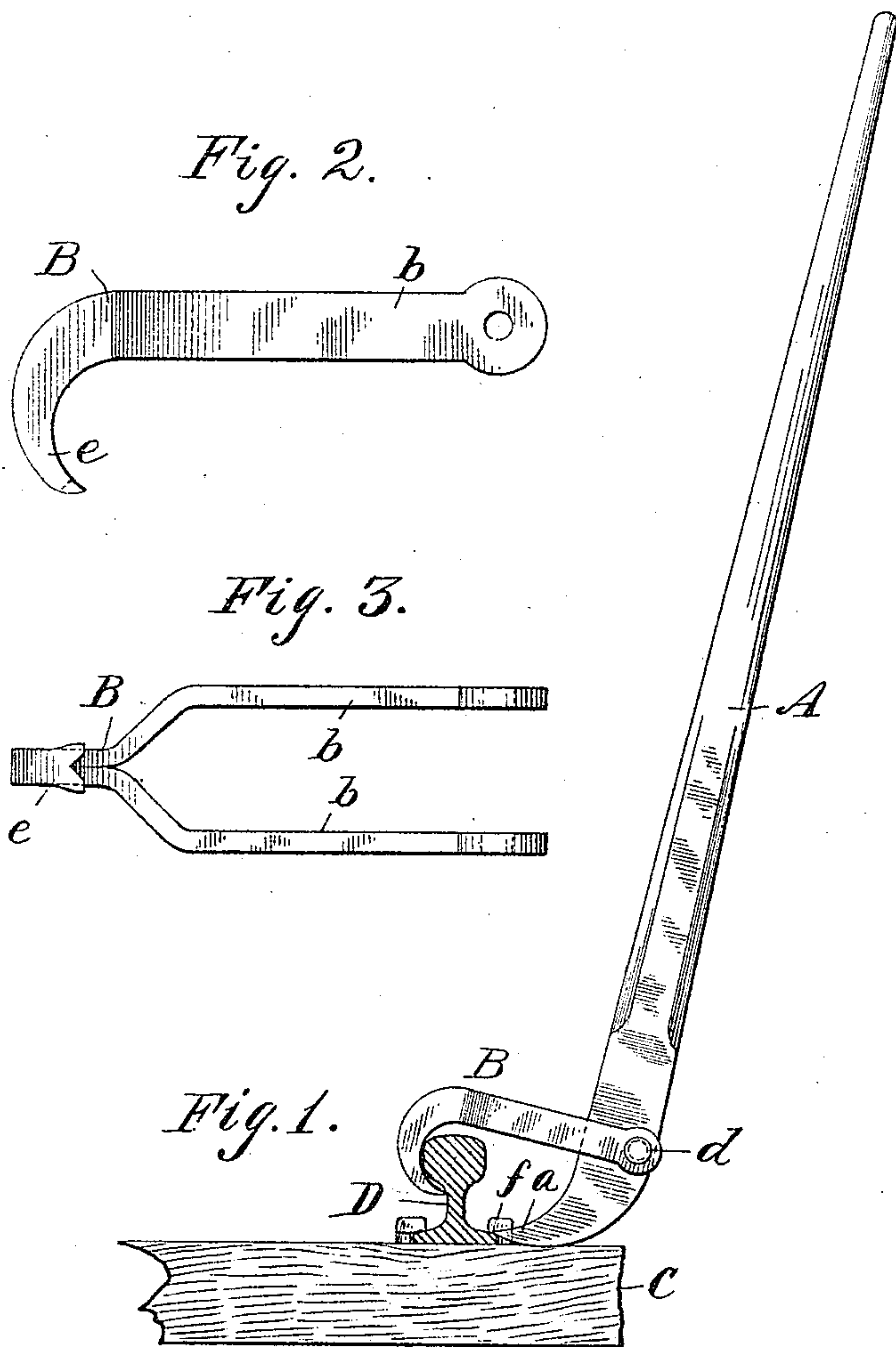


(No Model.)

J. H. MORGAN.  
SHACKLE CLAW BAR.

No. 438,083.

Patented Oct. 7, 1890.



WITNESSES:

*J. Henry Peabrath.*  
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# UNITED STATES PATENT OFFICE.

JOHN H. MORGAN, OF LEBANON, INDIANA, ASSIGNOR OF ONE-HALF TO  
ELBERT N. WYCOFF, OF SAME PLACE.

## SHACKLE CLAW-BAR.

SPECIFICATION forming part of Letters Patent No. 438,083, dated October 7, 1890.

Application filed January 11, 1890. Serial No. 336,702. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN H. MORGAN, of Lebanon, in the county of Boone and State of Indiana, have invented a new and Improved  
5 Shackle Claw-Bar, of which the following is a full, clear, and exact description.

My invention relates to improvements in shackle claw-bars; and the object of my invention is to provide a simple, efficient, and  
10 convenient device for drawing spikes, and also to provide a reversible bar that may be used in many positions, that may be used in safety, and that will not slip from the spike.

My invention is especially adapted to railroad-work, and I have so shown it in the accompanying drawings.

To this end my invention consists of a claw-bar having a two-armed hook or shackle provided with a suitable claw pivoted to the claw-  
20 bar near the lower end thereof in such a manner that the hook or shackle may be swung beneath the end of the claw-bar, so as to operate upon the front or back side thereof, as desired.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate  
25 corresponding parts in all the figures.

Figure 1 is a side elevation of the claw-bar as applied to a railroad-spike; Fig. 2, a side  
30 elevation of the hook or shackle detached from the claw-bar, and Fig. 3 an inverted plan of the same.

The claw-bar A is substantially like an ordinary claw-bar, consisting of a long bar having its lower end terminating in a curved  
35 hook or claw *a*, split in the usual manner to engage the head of a spike.

The shackle B is provided with two parallel arms *b b*, which clasp the lower end of the claw-bar A and are pivoted thereto by a  
40 bolt *d*, which passes through the ends of the arms and through the claw-bar. The arms *b b*

are united near the outer end thereof and form a curved hook *e*, which terminates in a  
45 claw, so that the shackle serves the double purpose of shackle and claw-hook.

The claw-bar is usually applied as shown in the drawings. The claw *a* of the claw-bar is placed upon a railroad-tie C so that the  
50 claw *a* will engage the head of a spike *f*, by which the rail D is fastened to the tie. The shackle B is placed over the top of the rail D, thus holding the claw-bar securely in place, and the operator then presses backwardly  
55 upon the claw-bar A, which will turn upon the pivot *d* and upon its rounded lower end and thus withdraw the spike *f* from the tie.

It will be seen, too, that in certain positions the claw of the shackle B might be engaged  
60 with a spike and the end of the claw-bar A placed upon a rail or other raised object and the spike withdrawn by lifting upon the handle of the claw-bar, or the shackle may swing to the back side of the claw-bar and the claw-  
65 bar used independently.

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

A shackle claw-bar consisting, essentially, of a claw-bar having a shackle or hook pivoted near the lower end thereof, said shackle  
70 or hook having its end terminating in a claw adapted to engage a rail or other projection and hold the claw-bar in engagement with a spike or similar object, and having its sides composed of parallel arms pivoted at the ends  
75 to the claw-bar, whereby said shackle may be swung below the end of the claw-bar and to the back side thereof, substantially as described, and for the purpose specified.  
80

JOHN H. MORGAN.

Witnesses:

F. C. REAGAN,  
JESSE NEFF.