No. 633,155. Patented Sept. 19, 1899.

W. W. RAMSAY.

FENCE REPAIRING TOOL.

(Application filed Feb. 23, 1898.)

(No Model.)

Fig. 1.

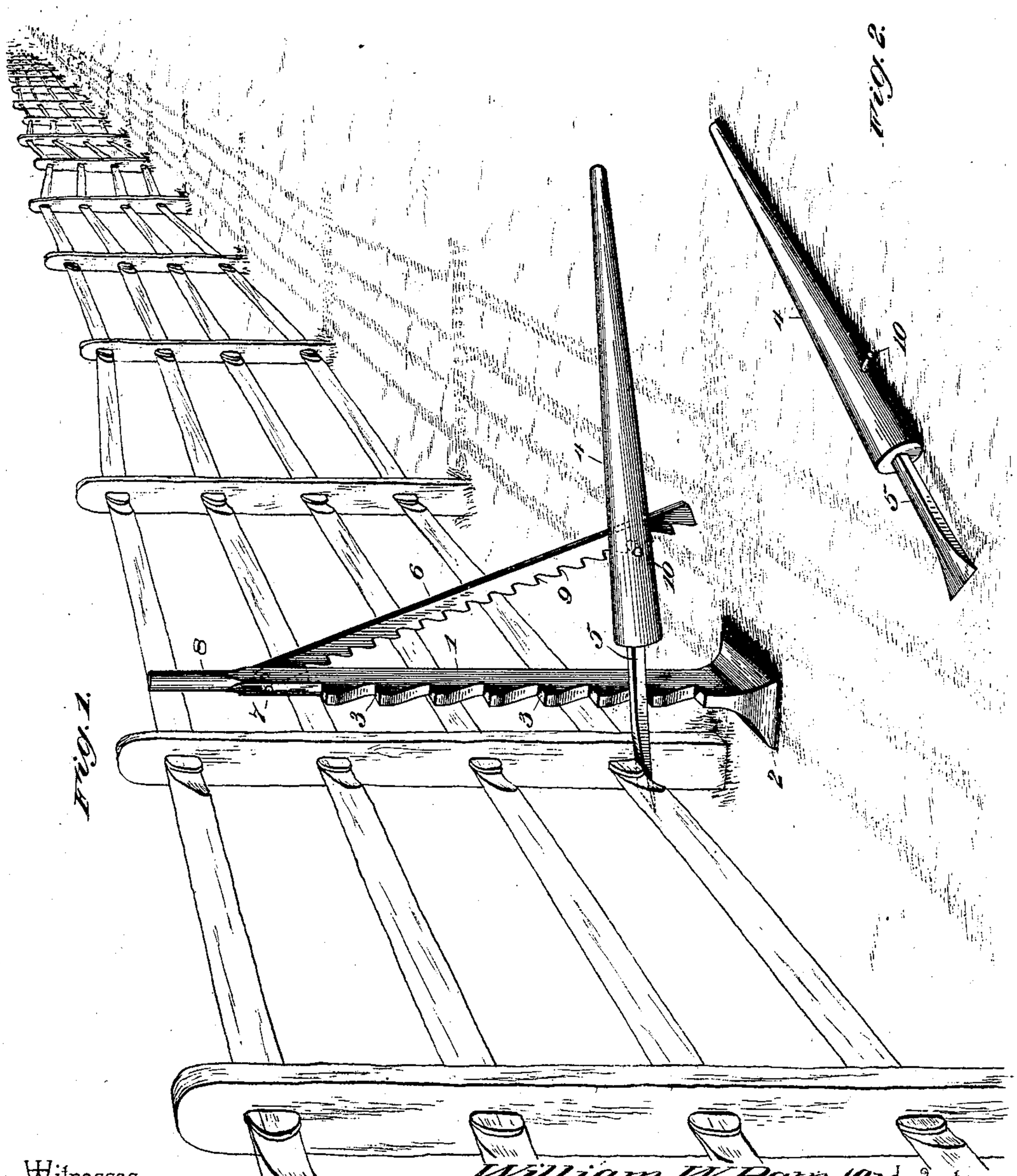

Fig. 2.

Witnesses
Wm. F. Doyle.
C. E. Doyle

William W. Ramsay, Inventor
By his Attorneys.
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UNITED STATES PATENT OFFICE.

WILLIAM W. RAMSAY, OF BASSFIELD, MISSISSIPPI.

FENCE-REPAIRING TOOL.

SPECIFICATION forming part of Letters Patent No. 633,155, dated September 19, 1899.

Application filed February 23, 1898. Serial No. 671,322. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM W. RAMSAY, a citizen of the United States, residing at Bassfield, in the county of Covington and State of Mississippi, have invented a new and useful Fence-Repairing Tool, of which the following is a specification.

My invention relates to lifting-jacks, and particularly to fence-repairing tools especially designed for use in repairing rail fences and adapted to be used in lifting fence-posts for the purpose of replacing those which have become rotten and for replacing stakes and other parts of fence structures.

Further objects and advantages of this invention will appear in the following description and the novel features thereof will be particularly pointed out in the appended claims.

In the drawings, Figure 1 is a perspective view of a jack constructed in accordance with my invention. Fig. 2 is a detail view of the operating-lever.

Similar numerals of reference indicate corresponding parts in both figures of the drawings.

1 designates a standard preferably provided at its lower end with a base 2, consisting in the construction illustrated of a cross-head adapted to rest upon the surface of the soil. This standard is provided in one side edge with a series of horizontal seats 3, forming rests upon which to fulcrum an operating-lever 4, and the lever is provided with a metal shank 5, suitable for engaging fence-rails or fence-rail sockets in a post, and also preferably reduced toward its extremity to form a blade suitable for digging post and stake holes. Said blade is not only reduced in thickness, but is preferably broadened to facilitate its use as a spade or post-hole digger. Pivotally mounted at its upper end upon the standard is a holding-latch 6, the pivot 7, consisting of a bolt, extending through registering openings in the latch and standard, and above this pivot-bolt the standard is reduced to form a grip 8, whereby the jack may be properly positioned contiguous to the point of application of lifting-pressure. Furthermore, the latch is provided with a series of downturned shoulders 9, formed by notching one edge thereof, and the operating-lever is provided with a lateral projecting stop-pin 10, adapted to engage with either of the notches in the latch, whereby after a fence-post or other portion of the structure has been elevated by means of the lever the latter may be locked to maintain the elevated portion of the structure in its adjusted position by the engagement of said stop-pin with one of the stop-shoulders of the latch.

The machine as above described is of simple construction, the latch is adapted to be folded parallel with the standard to facilitate its storage and transportation, and the lever is separate from the standard and latch to adapt it to be arranged parallel therewith when the machine is not in use. Furthermore, the described bearing-shoulders on the standard, either of which is adapted to form a rest or fulcrum for the shank of the operating-lever, are spaced apart to suit the intervals between rails or rail-sockets in the posts, whereby the adaptation of the machine to fences of different heights and constructions is facilitated.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

It will be seen that the base at the lower end of the standard is adapted to serve as a tamping-head, whereby the operator by grasping the grip 8 at the upper end of the standard may use the standard without the lever to pack earth around the base of a post after the latter has been properly positioned.

Having described my invention, what I claim is—

1. A lifting-jack having a standard provided with a series of lateral shoulders forming fulcrum-rests, a separate operating-lever having a straight shank adapted to be seated upon one of the shoulders, and having a lateral stop-pin, and a latch pivotally mounted upon the standard contiguous to its upper end, and provided in its lower edge with a plurality of spaced stop-shoulders for engaging the stop-pin of the lever, said standard being extended above the fulcrum-point of the latch to form a handhold, substantially as specified.

2. A lifting-jack having a standard termi-

nating at its lower end in a base 2 and at its upper end in a handhold or grip, and provided between said base and handhold or grip with a plurality of lateral shoulders forming rests, in combination with a pivotal shouldered latch mounted upon the standard, and a separate operating-lever having a straight shank 5 terminating in a post-hole blade, and adapted to rest at an intermediate point upon one of said lateral shoulders of the standard, the operating-lever being provided with a lateral pin for engagement with the shoulders of the latch, substantially as specified.

3. A device of the character set forth, having a standard provided with a series of shoulders arranged in vertical succession and forming fulcrum-rests, a separate operating-lever having a straight shank adapted to be removably seated on any one of the shoulders and having a lateral projection, and a latch pivotally mounted on the standard and having a plurality of spaced stop-shoulders in its lower edge for the reception of the lateral projection of the said straight shank.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

WILLIAM W. RAMSAY.

Witnesses:

JAS. BUCHANAN,

W. D. MCRANEY.