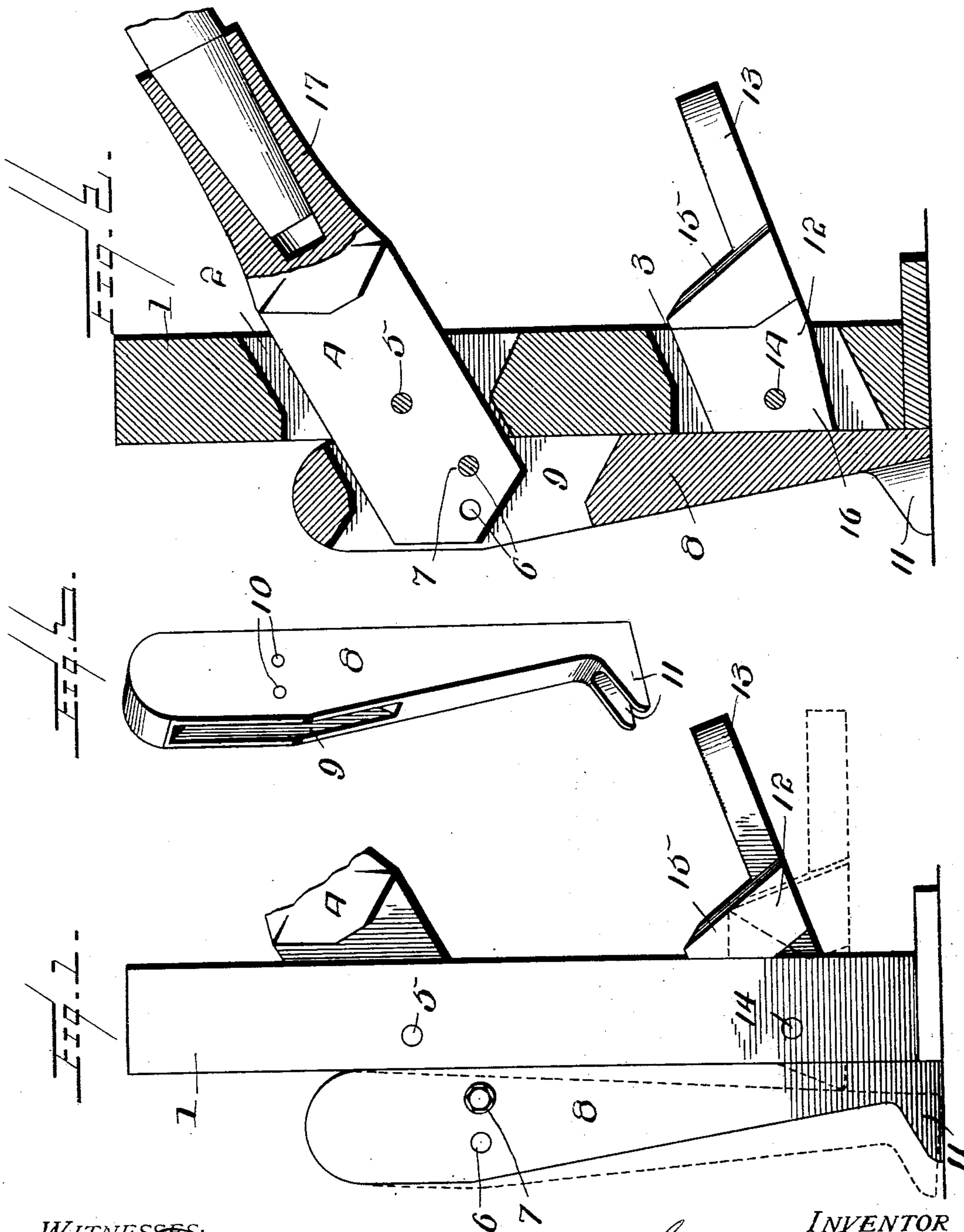


No. 751,604.

PATENTED FEB. 9, 1904.

G. H. BELL.  
SPIKE PULLING DEVICE.  
APPLICATION FILED SEPT. 10, 1903.

NO MODEL.



WITNESSES:

*Wm. F. Doyle.*  
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# UNITED STATES PATENT OFFICE.

GEORGE H. BELL, OF JOB, WEST VIRGINIA.

## SPIKE-PULLING DEVICE.

SPECIFICATION forming part of Letters Patent No. 751,604, dated February 9, 1904.

Application filed September 10, 1903. Serial No. 172,624. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE H. BELL, a citizen of the United States, residing at Job, in the county of Randolph and State of West Virginia, have invented new and useful Improvements in Spike-Pulling Devices, of which the following is a specification.

My invention relates to spike-pullers or similar devices, and has for its object the providing of a device of the class described that shall be simple in construction, inexpensive, effective in operation and one that can be easily moved from place to place, as may be desired in the operation of its functions.

The object of my invention is accomplished by the novel construction and arrangement of parts more fully hereinafter described, and referred to and illustrated in the drawings herewith accompanying and made a part of the specification.

In the drawings, Figure 1 is a side elevation of my device as it appears ready for operation. Fig. 2 is a vertical section. Fig. 3 is a detailed perspective view of the claw member.

Like numerals of reference designate similar parts in all the figures of the drawings.

1 designates a standard with an upper recess or opening 2 therein and a lower opening or recess 3. In the upper opening or recess is fulcrumed a lever 4 by means of a pin 5. A series of holes 6 are disposed in said lever near the end, as shown, and adapted to hold a pin 7, engaging with corresponding holes in a perpendicularly-disposed claw member 8, which is provided with an opening or recess 9 and a plurality of holes 10 and also with two outwardly-projecting claws or prongs 11, adapted to fit under the head of a spike and to engage therewith. An angular-shaped lever 12, adapted to be operated by foot-power and provided with a treadle 13, is secured in the lower recess or opening 3 by means of a pin 14 and provided with side projections 15, adapted to engage with the edge of the standard 1 when the foot-piece is raised or lowered. This lever or foot-piece 12 is provided with

an outwardly-projecting point which when the same is raised is brought within the recess or opening 3; but when the lever or foot-piece is lowered the point 16 extends beyond the recess or opening and engages with the perpendicularly-disposed claw member 8.

In operation the standard 1 is disposed in such proximity to a spike that the prongs 11 by lowering the lever 4 are brought in juxtaposition with the spike to be drawn. By pressure of the foot on the treadle 13 the point 16 of the lower lever is brought against the lower end of the perpendicularly-disposed claw member 8, which action forces the claws or prongs 11 beneath the head of the spike and holds them there. By lowering the lever 4 the claw member is forced upward, the claws or prongs 11 carrying the head of the spike with them, and thus pulling the spike from its position. In order that the device may be the more easily handled and moved from point to point, it is found desirable to have the upper lever made of two pieces, the one fitting within the other, as shown at 17.

It is obvious that certain modifications of form and arrangement of parts will suggest themselves to the skilled mechanic, but which modifications and arrangements come well within the scope and spirit of my invention as disclosed and claimed, and I therefore do not desire to be limited to the precise construction and arrangement shown.

Having thus described my said invention, what I claim as new, and desire to protect by Letters Patent of the United States, is—

1. In an apparatus of the class described, a standard, a lever comprising two parts, a perpendicularly-disposed claw member, a plurality of claws, a foot-lever adapted to engage with the perpendicularly-disposed claw member, and means for securing the perpendicularly-disposed claw member to the lever.

2. In an apparatus of the class described, a standard, an upper lever, a lower lever, a perpendicularly-disposed claw member, a plurality of claws at its lower end, means for

fulcruming the levers on the standard, means  
for securing the perpendicularly - disposed  
claw member to the end of the upper lever,  
and a point on the lower lever adapted to en-  
5 gage with the perpendicularly-disposed claw  
member.

In testimony whereof I have signed my name

to this specification in the presence of two sub-  
scribing witnesses.

GEORGE H. BELL.

Witnesses:

M. C. HARMAN,

W. A. SUMMERFIELD.