

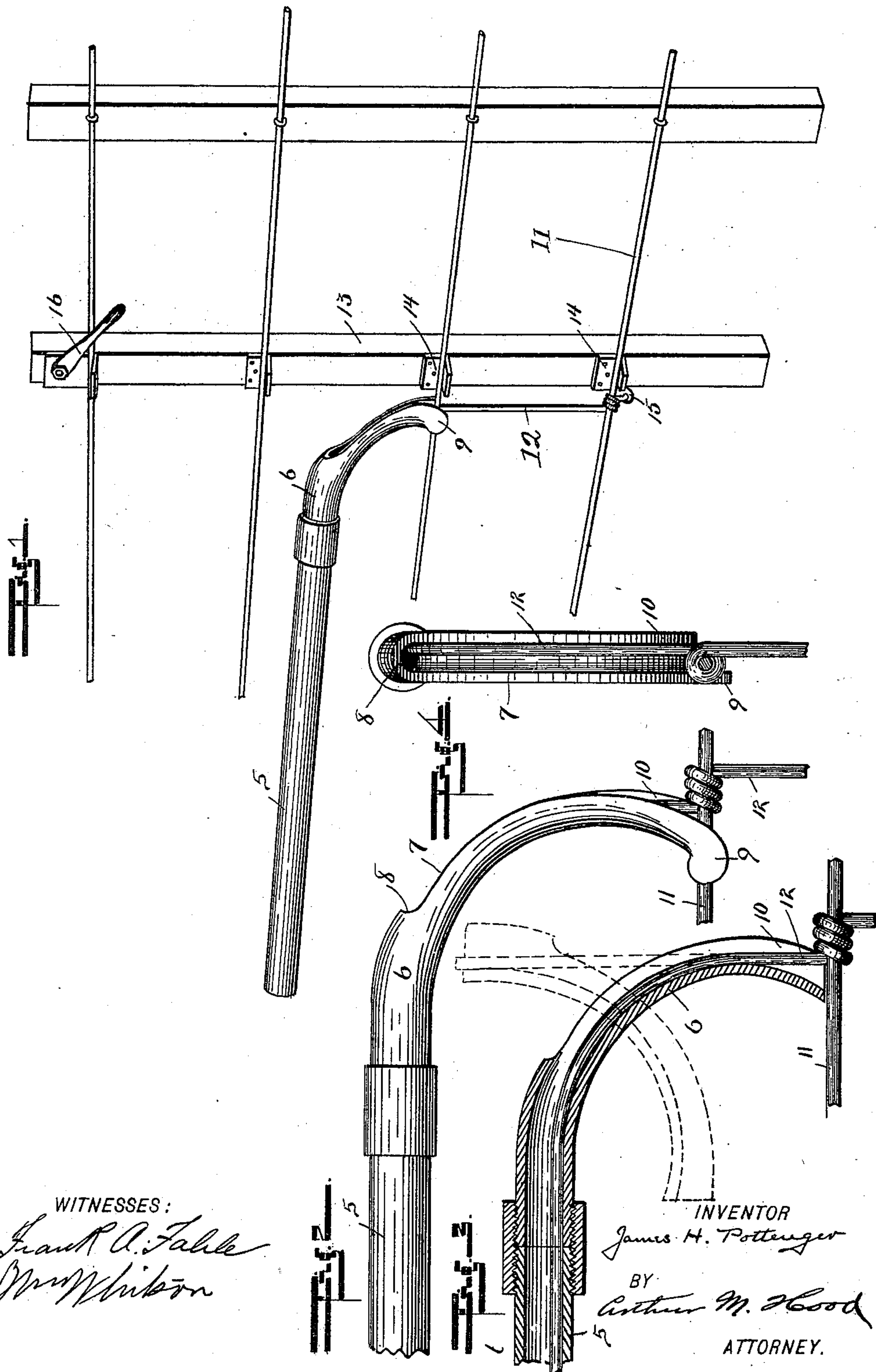
No. 632,324.

Patented Sept. 5, 1899.

J. H. POTTENGER.
FENCE TWISTING TOOL.

(Application filed June 3, 1899.)

(No Model.)



WITNESSES:

Frank A. Felle
John Wilson

INVENTOR

James H. Potterenger

BY

Arthur M. Hood

ATTORNEY.

UNITED STATES PATENT OFFICE.

JAMES H. POTTENGER, OF FRANKLIN, INDIANA.

FENCE TWISTING-TOOL.

SPECIFICATION forming part of Letters Patent No. 632,324, dated September 5, 1899.

Application filed June 3, 1899. Serial No. 719,198. (No model.)

To all whom it may concern:

Be it known that I, JAMES H. POTTENGER, a citizen of the United States, residing at Franklin, in the county of Johnson and State of Indiana, have invented a new and useful Fence-Machine, of which the following is a specification.

My invention relates to an improvement in fence-machines.

10 The object of my invention is to produce a cheap and simple machine by which cross or stay wires of considerable size may be easily attached by hand.

The accompanying drawings illustrate my invention.

15 Figure 1 is a perspective view showing the manner of using my improved machine. Fig. 2 is a side elevation of one end of the twisting-tool. Fig. 3 is a central section thereof. Fig. 4 is an end elevation.

20 In the drawings, 5 indicates a tubular twisting-tool, the end 6 of which is curved, as shown. The wall of end 6 is cut away at 7, so as to expose the interior, said cut being at a point 8, slightly beyond the beginning of curvature. The tip of end 6 is provided with a lip 9 and on the other side with a flange 10, the lip 9 extending beyond the end of the flange.

30 For the purpose of holding the fence-runners 11 in position while the stay-wire 12 is being attached I provide a post 13, to the face of which is secured a series of fingers 14, each adapted to form a support for one of the runners 11. The lower finger 14 is also provided with a perforated ear 15, adapted to receive the lower end of the stay-wire, as shown. Pivoted to the upper finger 14 is a latch 16, which serves to hold the post 13 up against the fence-runners.

40 The operation is as follows: The post 13 is placed alongside the fence, the several runners 11 resting upon the corresponding fingers 14, and is secured in position by swinging latch 16 down in front of the upper runner, thus clamping said runner between the

post and latch. A length of stay-wire is threaded through the twisting-tool 5 and the end is passed into ear 15 of the lower finger 14. The end 6 of the twisting-tool is then placed upon the lower runner, the stay-wire passing upon one side of said runner and the lip 9 lying upon the other side. In this position the stay-wire rests along flange 10. The operator then rotates the twisting-tool about the runner as an axis, and thus winds the stay-wire about the runner. When a sufficient number of turns has been made, the operator throws the tool up into the position shown in dotted lines, Fig. 3, thus straightening the stay-wire by means of shoulder 8. The tool is then slipped along the stay-wire until the next runner is reached, and the operation is repeated.

By means of this tool a much larger stay-wire than usual may be easily applied.

It will be readily understood that the twisting-tool may be made of a single piece, if desired, instead of two pieces connected by a coupling, as shown in the drawings.

I claim as my invention—

1. As an article of manufacture a tubular twisting-tool for attaching stay-wires to wire fences, said tool having a curved end 6, provided at its tip with a lip 9, the said curved end being cut away on its convex side so as to expose the interior thereof, substantially as and for the purpose set forth.

2. As an article of manufacture, a tubular twisting-tool for attaching stay-wires to wire fences, said tool having a curved end 6, provided at its tip with a lip 9, the said curved end being cut away on its convex side beginning at a point within the interior diameter of the straight portion of said tool and extending to the tip of the curved end, substantially as and for the purpose set forth.

JAMES H. POTTENGER.

Witnesses:

W. H. COONS,
C. B. HENDERSON.