

F. Bellinger,

Pick Handle.

No. 101214.

Patented Mar. 29. 1870.

Fig. 1.

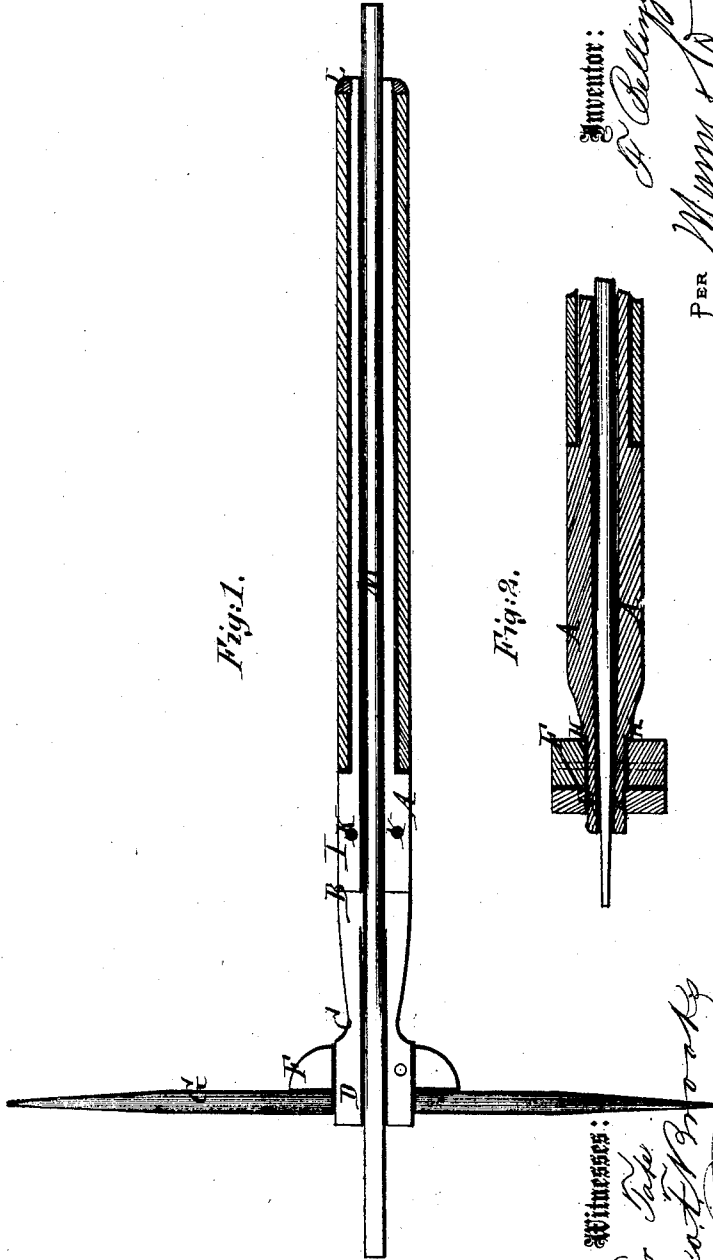
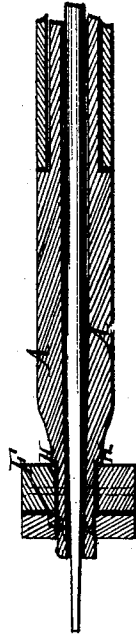


Fig. 2.



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FRANKLIN BELLINGER, OF LOCKPORT, NEW YORK.

Letters Patent No. 101,214, dated March 29, 1870.

IMPROVEMENT IN PICK-HANDLE.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, FRANKLIN BELLINGER, of Lockport, in the county of Niagara and State of New York, have invented a new and improved Mill-Pick Handle; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings forming part of this specification.

This invention relates to improvements in handles for mill-picks; and consists in a handle composed of two parts of metal divided longitudinally, connected at the end to be taken in the hands, and at short distance from the other end, the two parts of which are made capable of springing between the latter connection and the ends, which are fitted to pass through an eye in the pick and to be wedged against the side walls of the eye by a long steel or other metal wedge running through the handle from end to end, in grooves in the two parts of the handle, which form a central hole when the said two parts are connected together.

By another arrangement the handle may be made in one piece, and split or bifurcated at the end for entering the eye of the pick to form the springs.

The shouldered part against which the pick is received is arranged for the attachment of weights, to be used when the picks are light, and the part to be taken in the hands is reduced, and a tube of wood or other light and suitable substance is placed on it and held by a nut or other means.

Figure 1 is a longitudinal section of my improved handle with the pick attached, and

Figure 2 is a partial longitudinal section taken in a plane at right angles to that of fig. 1.

Similar letters of reference indicate corresponding parts.

A represents one of the metallic parts of the handle, to be made by casting or otherwise, and provided with a groove in the center of the face fitting the other half, which is the counterpart of A.

Each part is reduced in thickness from the point B to C, so as to be capable of springing, and the ends D

are made broad and thin, to be engaged with eyes in the center of the picks.

They are grooved or recessed at E, where they bear against the inner walls of the eyes, to hold the picks G more firmly, and fitted also for the reception of the blocks or weights F between the pick and the shoulders H.

These two parts are connected together at I by pins, rivets, or screws K, and at the other end by the nut screwing onto each part.

M is a steel wedge, longer than the handle, placed in the hole formed by the central grooves in each part, to be driven between the ends D after they are inserted in the eye of the pick to wedge them out firmly against the walls of the eye, whereby the pick will be very securely attached in a very simple manner. The said wedge may be driven either way, to secure or release the pick, by striking the ends on the stone or other hard substance.

Instead of making the handle in two parts and connecting them together, it may be cast in one piece and split or bifurcated from the point B to form the springy parts. In this case it would be cast on a core, to form the hole for the wedge M.

The weights F are attached to the two parts D by screws, so as to be readily detached when not required. They are so shaped and arranged as to appear to be enlarged shoulders of the handle when attached.

The part of the said handle to be held in the hands is made smaller than the other part, and a ferrule or sleeve of wood or other light and suitable substance is placed thereon and secured by the nut L.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

A tubular pick-handle bifurcated at its lower end, and fastened to the tool by means of a wedge, in the manner shown and described.

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Witnesses:

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