

No. 845,233.

PATENTED FEB. 26, 1907.

F. S. HARRINGTON.
PICK.

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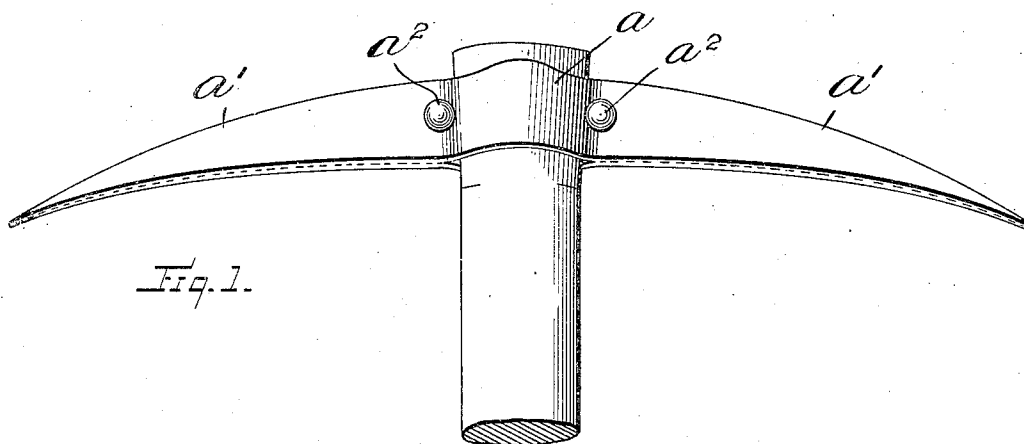


Fig. 1.

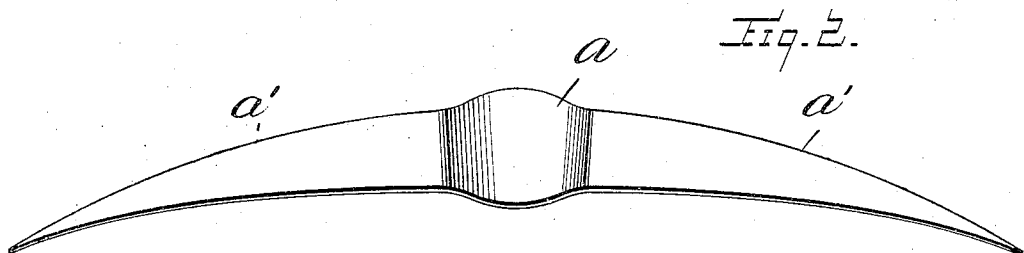


Fig. 2.

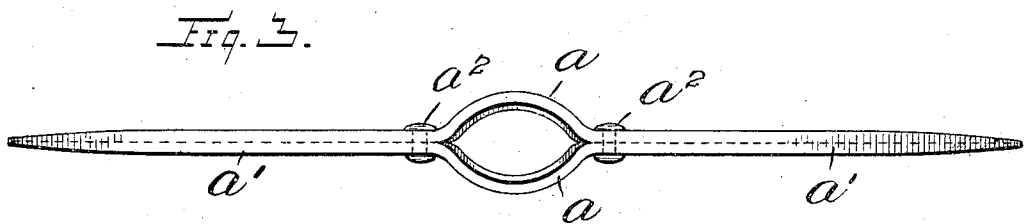


Fig. 3.

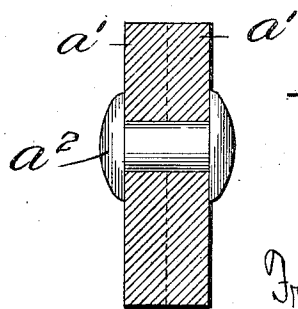


Fig. 4.

WITNESSES:

H. F. K. [Signature]
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UNITED STATES PATENT OFFICE.

FRANK S. HARRINGTON, OF NEWBURGH, NEW YORK, ASSIGNOR OF THREE-FOURTHS TO WILLIAM H. COLDWELL AND ONE-FOURTH TO JOHN W. BENTLEY, OF NEWBURGH, NEW YORK.

PICK.

No. 845,233.

Specification of Letters Patent.

Patented Feb. 26, 1907.

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To all whom it may concern:

Be it known that I, FRANK S. HARRINGTON, a citizen of the United States, residing at Newburgh, in the county of Orange and State of New York, have invented certain new and useful Improvements in Picks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention consists in the novel features hereinafter described, reference being had to the accompanying drawings, which illustrate one form in which I have contemplated embodying my invention, and the invention is fully disclosed in the following description and claims.

Referring to the drawings, Figure 1 is a perspective view of a pick embodying my invention. Fig. 2 is a detail view of one of the blanks which are used in constructing the pick. Fig. 3 is a plan or edge view of the pick, taken from the outer side. Fig. 4 is a transverse sectional view through one of the connecting-rivets.

The object of my invention is to form a strong and substantial pick which can be cheaply and conveniently made, utilizing in the manufacture of such picks scrap-steel which has been cut from sheets and which can thus be made up into picks at a cost greatly below that of the usual forging methods.

In carrying out my invention I stamp or cut out in any desired manner two blanks from sheet-steel, preferably from scrap sheet-steel and of substantially the form of the finished pick, as illustrated in Fig. 3, in which one of said blanks is shown. The center portion of the blank (indicated at *a*) is given a width substantially equal to the desired length of the pick-eye, and from this central portion the two lateral portions or arms *a* extend outwardly in the usual curved and pointed form. The pick is formed by taking two of these blanks, which are of such thickness that their united thickness will form a pick of the desired size and weight. The central portions *a* are bent outwardly in oppo-

site directions, as shown in Fig. 3, so as to form the eye of the pick, and the end portions or arms *a'* of the blanks are welded together at the points and for a certain distance back therefrom toward the eye. The blanks are further united by means of a rivet *a*², which is passed through the two blanks on opposite sides of the eye of the pick.

It is to be understood that it is not necessary to weld the two blanks together from the points entirely to the eye of the pick, although this may be done. It is found to be sufficient for all practical purposes to weld the blanks together at the points and for a certain distance toward the eye, which may vary with the requirements of the pick.

It will be seen that a pick of this character can be constructed cheaply and for many kinds of work will be as satisfactory as to strength and durability as if it were forged throughout, the rivets adjacent to the eye preventing any stretching of the eye or separating of the blanks at these points, and the welding of the pick-points providing an integral point which may be drawn and sharpened exactly as any other pick-point.

What I claim, and desire to secure by Letters Patent, is—

1. The herein-described pick comprising two pieces of sheet metal of the same size and shape and of uniform thickness, having substantially the form of the finished pick, said pieces being placed side by side, having their central portions bent outwardly in opposite directions to form the eye of the pick, and their arm portions united at either side of the eye, the extremities of said arm portions being welded to form integral pick-points, substantially as described.

2. The herein-described pick comprising two pieces of sheet metal placed side by side, having their central portions bent outwardly in opposite directions to form the eye of the pick, their arm portions welded together at their extremities to form integral points, and being mechanically united at opposite sides of the eye, substantially as described.

3. The herein-described pick comprising two pieces of sheet metal, having substantially the form of the finished pick, said pieces

being placed side by side having their central portions bent outwardly in opposite directions to form the eye, and the outer extremities of their arm portions welded together, and rivets uniting said pieces at opposite sides of the said eye, substantially as described.

In testimony whereof I affix my signature in the presence of two witnesses.

FRANK S. HARRINGTON.

Witnesses:

H. W. MURTFELDT,
A. W. MAPES.