C. CARROLL.

Tamping Pick.

No. 103,014. Patented May 17, 1870.

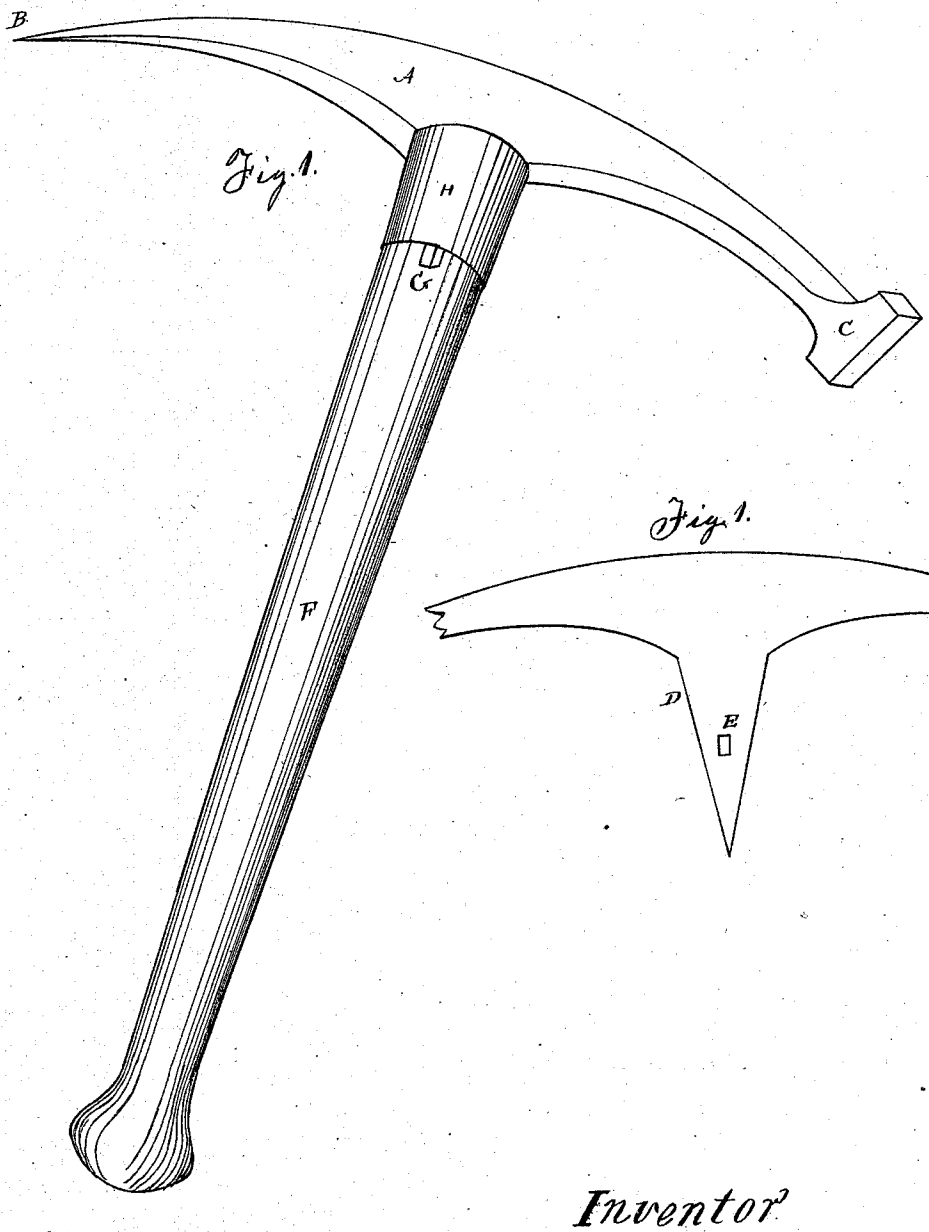

Fig. 1.

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Witnesses.

Wm. H. Dennis.

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United States Patent Office.

CHARLES CARROLL, OF NORTH VERNON, INDIANA.

Letters Patent No. 103,014, *dated May* 17, 1870.

IMPROVEMENT IN DIGGING AND TAMPING-PICK.

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, CHARLES CARROLL, of North Vernon, Jennings county, in the State of Indiana, have invented certain new and useful Improvements in Digging and Tamping-Picks; and I hereby declare the following to be a full and exact description thereof, reference being had to the accompanying drawings forming part of this specification.

The nature or essence of my invention consists in making digging and tamping picks with a tang or shank for fastening or attaching the handle, thereby avoiding the eye which weakens the pick, so that it soon breaks, and is worthless, except as old iron.

In the accompanying drawings—

Figure 1 is a digging and tamping-pick, with a handle fastened to it.

Figure 2 shows a portion of a pick with its tang.

In these drawings—

A is the pick, usually made of iron, with steel ends, which are hardened and tempered, to adapt it to the service intended;

B is the point, adapted to digging; and

C, the hammer or tamping end, adapted to driving gravel or macadamized stone under railroad ties, and other purposes.

Sometimes it is desirable to make both ends pointed and sharp, and at other times both ends hammer-faced, for tamping.

The tang or shank of the pick is shown at D, fig. 2, with a hole, E, through it, so that, when the shank D is inserted in the handle F, and the key G is put through the handle and shank, it holds them fast together, as shown in the drawing.

I make a strong ring, H, a little conical, and slip it on over the small end of the handle, and arrange it so that, when the key G is driven, it draws the shank into the handle, and crowds the ring H onto the largest part of the handle, thus serving to tighten both and hold them fast.

My improved pick may be made by welding a shank onto a bar, or by taking a triangular piece of iron and drawing out one point for the shank, and the other two to make the ends of the pick.

I claim the pick, with tang D, in combination with handle F, ferrule H and key G, constructed substantially as shown and described.

CHAS. CARROLL.

Witnesses:

JAMES M. MAYFIELD,

JOHN A. CLINTON.