

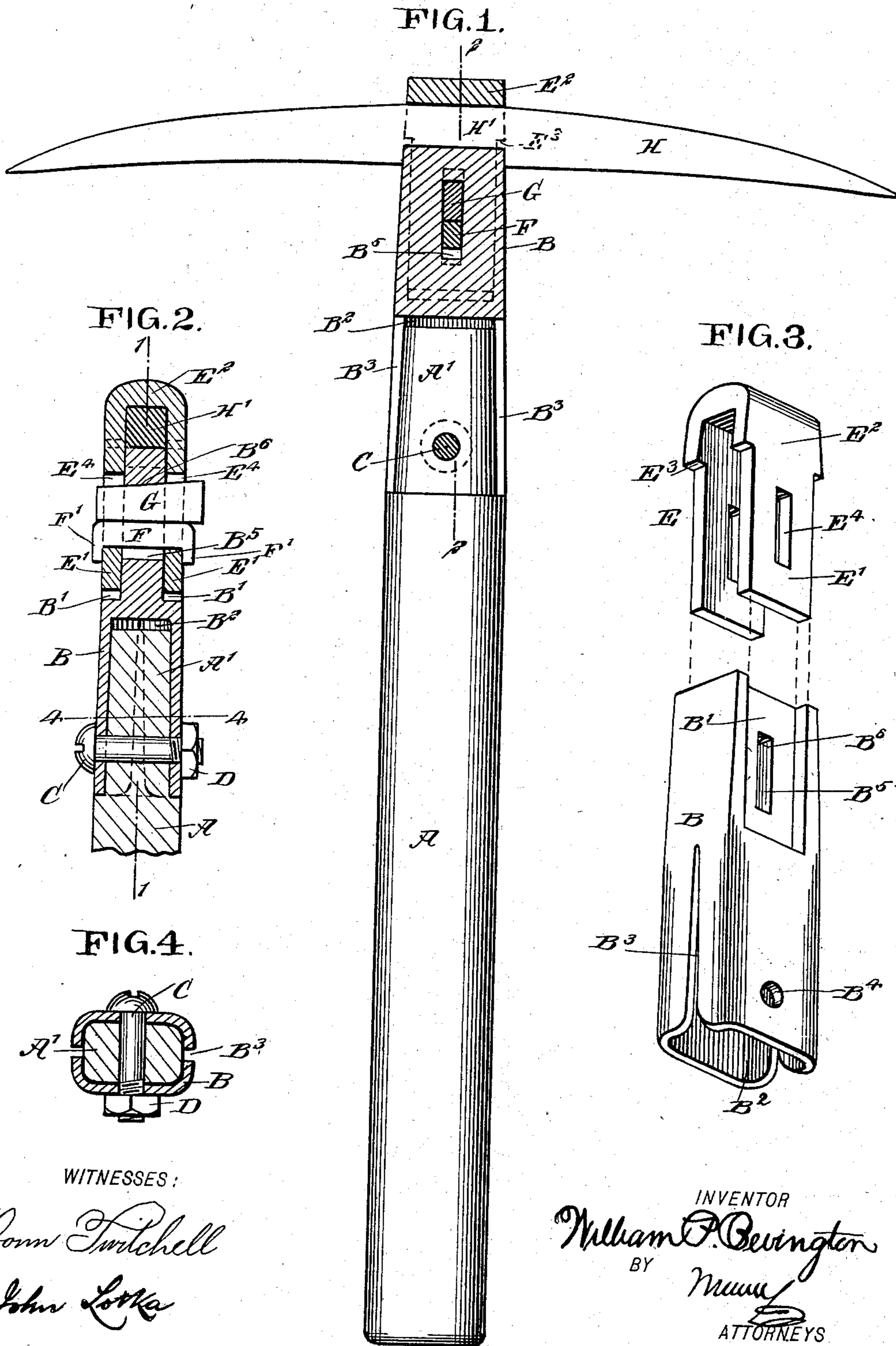
No. 656,498.

W. P. BEVINGTON.
PICK.

Patented Aug. 21, 1900.

(No Model.)

(Application filed Oct. 31, 1899.)



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM PERRY BEVINGTON, OF ESCONDIDO, CALIFORNIA.

PICK.

SPECIFICATION forming part of Letters Patent No. 656,498, dated August 21, 1900.

Application filed October 31, 1899. Serial No. 735,381. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM PERRY BEVINGTON, a citizen of the United States, and a resident of Escondido, in the county of San Diego and State of California, have invented new and useful Improvements in Picks, of which the following is a full, clear, and exact description.

My invention relates to picks, and has for its object to provide improved and very efficient means for attaching a pick to its handle so as to prevent the pick or point from working loose. To this end I employ the particular construction and arrangement of parts hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a sectional elevation of my improved pick with parts in section on the line 1 1 of Fig. 2. Fig. 2 is a vertical section on the line 2 2 of Fig. 1. Fig. 3 is a perspective view of the head and clamp forming part of my invention, and Fig. 4 is a sectional plan on line 4 4 of Fig. 2.

The complete tool comprises a handle A, a head B, a screw-bolt C, a nut D, a clamp E, a key F, a wedge G, and a point or pick H. The wooden handle A is cylindrical or of any other approved shape in its main portion and has a tapered upper end A', perforated transversely. The head B has an upper portion of I shape in horizontal cross-section, forming vertical channels B' on the opposite sides of the head. The lower end of the head forms a socket B² for the reception of the tapered end A' of the handle A and has two longitudinal slits B³ to facilitate the insertion of the handle. The socket portion of the head is also perforated transversely, as at B⁴, for the reception of the screw-bolt C, which, with the nut D, serves to securely connect the handle A with the head B. The nut provides a ready means for tightening at any time the connection of the handle with the socket of the head. The central member or web of the I-shaped portion of the head is provided with a rectangular cross-aperture B⁵, the upper wall B⁶ of which is inclined, as will be seen best in Fig. 2. The clamp E is substantially U-shaped, the width of its parallel members E' being equal to that of the channels B', while its central member E² is wider, forming shoulders E³. The end members E' have apertures

E⁴, adapted to register with the aperture B⁵. The pick H is of substantially the usual shape and has a reduced central portion H', corresponding in width to the upper end of the head B and adapted to be received between the parallel members E' of the clamp E. The pick is therefore held between the clamp E and the head B and is clamped in position by the key F and wedge G. Of these the key F has bent ends F' to fit over the outside of the clamp members E', the key being passed through the apertures E⁴ and B⁵ and engaging the lower walls of the apertures E⁴. Then the wedge G is inserted above the key F in the same apertures and in contact with the inclined wall B⁶, and the wedge is driven in, forcing the clamp to slide down in the channels B' until the central portion H' of the pick is firmly clamped between the upper end of the head B and the central member E² of the clamp E.

It will be observed that the clamping parts are entirely of metal, and I thereby avoid the liability to looseness, which is a defect of all constructions in which wedges or other tightening devices engage wooden surfaces.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination of the handle, the head having at its lower end a split socket for the reception of the handle, and at its upper end a solid portion I-shaped in horizontal cross-section, forming longitudinal channels in opposite sides of the head, said channels being connected by an aperture extending through the central member of the I-shaped section, the bolt passing through the handle and through the split socket, the U-shaped clamp the side members of which slide in said channels and have cross-apertures registering with that of the head, and shoulders projecting over the parallel end members of the I-shaped section, the pick held between the upper end of the head and the central member of the clamp, a key extending through the apertures of the clamp and head and having bent ends engaging the clamp members exteriorly, and a wedge extending through the same apertures and engaging the key and the head.

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Witnesses:

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