

(No Model.)

J. P. DAVIS & J. G. ROBBINS.

PICK.

No. 316,528.

Patented Apr. 28, 1885.

Fig. 1.

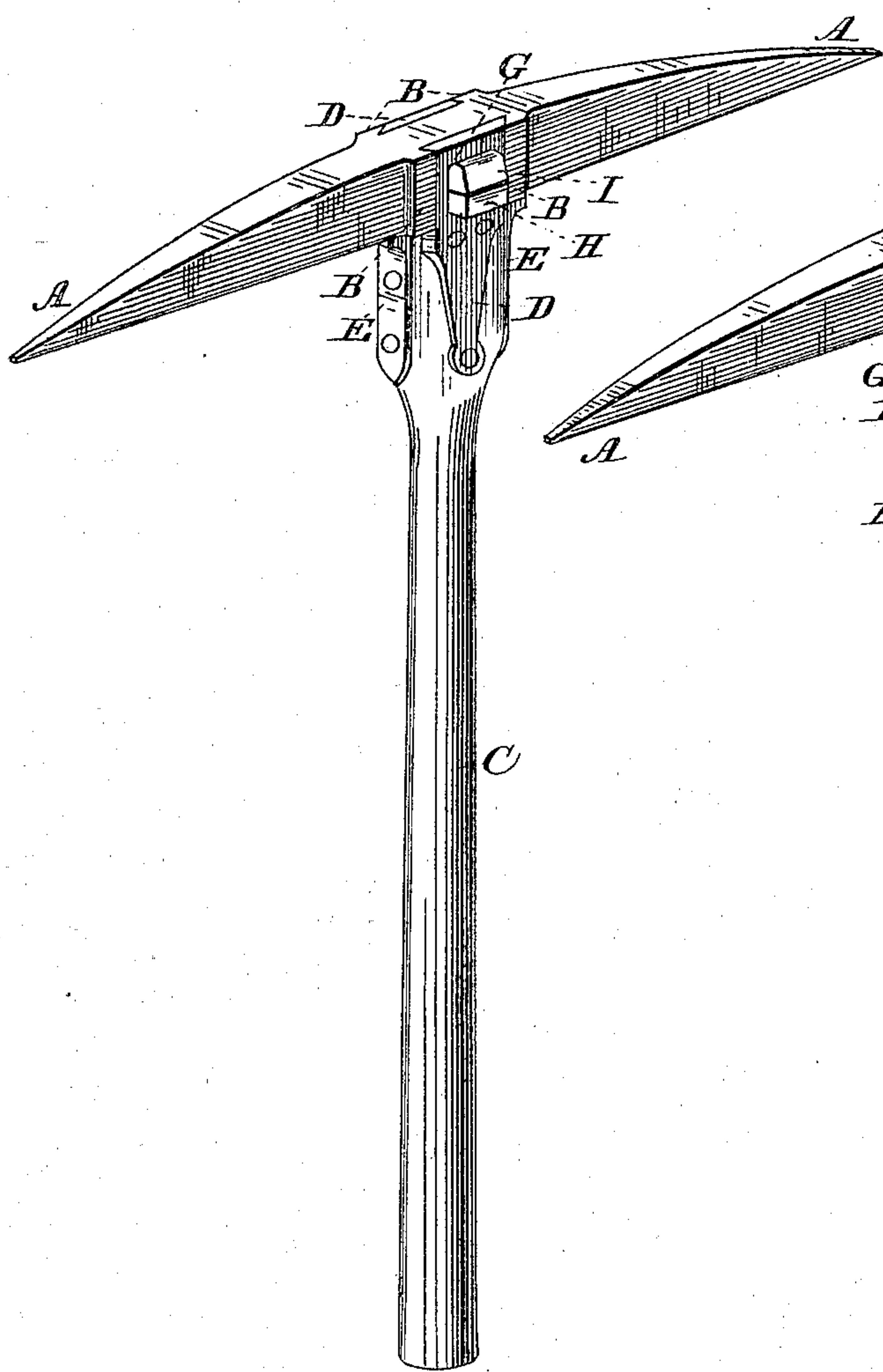
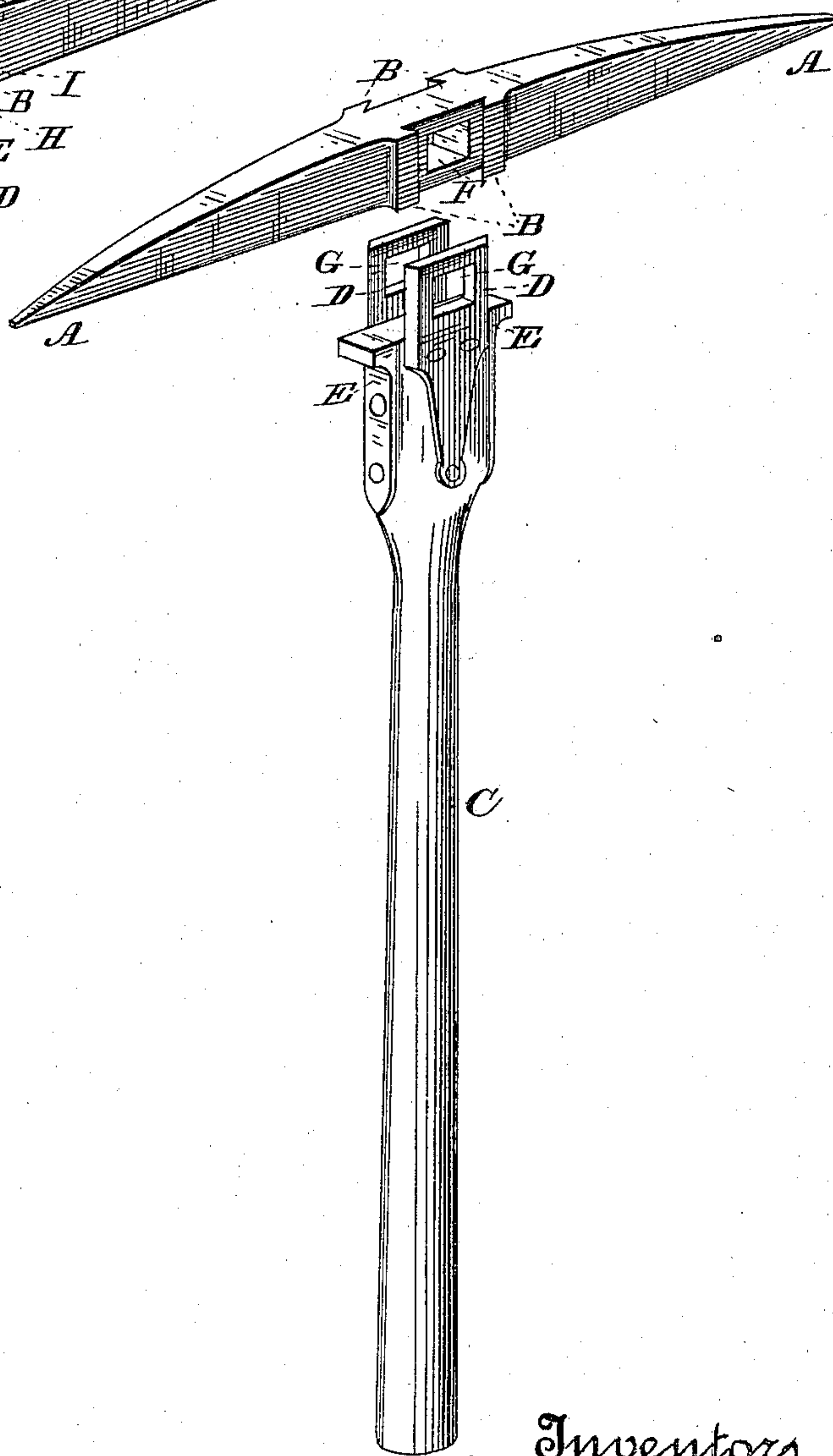


Fig. 2.



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UNITED STATES PATENT OFFICE.

JAMES P. DAVIS AND JUAN G. ROBBINS, OF BANNER, IDAHO TERRITORY.

PICK.

SPECIFICATION forming part of Letters Patent No. 316,528, dated April 28, 1885.

Application filed August 1, 1884. (No model.)

To all whom it may concern:

Be it known that we, JAMES P. DAVIS and JUAN G. ROBBINS, of the city of Banner, in the county of Boise and Territory of Idaho, have invented an Improvement in Picks; and we hereby declare the following to be a full, clear, and exact description thereof.

Our invention relates to an improvement in picks.

It consists of a head having transverse channels upon each side of the center, which are constructed to fit between straps secured to the sides of the pick-handle and projecting beyond the ends. These side straps and the central portion of the head of the pick have openings made through them, into which the key and cotter are driven, so as to hold the pick firmly between the straps. Other plates are fixed upon the edges of the pick-handle, against which the inside of the pick rests, and by which it is steadied when it has been keyed in place.

Referring to the accompanying drawings for a more complete explanation of our invention, Figure 1 is a view of the pick with the parts secured together. Fig. 2 shows the head separate from the handle.

A A are the ends of the pick, and B B are lugs formed upon the sides of the central portion, so as to form dovetailed grooves or channels between them and upon the sides of the pick-head, as shown.

C is a handle, and D D are two stout straps, which are firmly riveted to the handle upon each side, so as to project beyond the end of the handle. Upon the other edges of the handle are fixed plates E, having their ends just flush with the end of the pick-handle, and of sufficient width to give a firm bearing, against which the portion of the pick next the handle will rest when it is fixed in place. Through the head of the pick an opening, F, is made transversely, and similar openings, G, are made through the straps D. When the pick-head has been slipped in between the straps, the edges of which are dovetailed to correspond with the grooves upon the opposite sides of the pick, it will rest upon plates E E, and the hole in the straps will coincide with the one through the head of the pick.

H is a key, and I is a gib, which are fitted into the holes in the straps and head, and when the key is driven in tight the pick will be held very firmly and rigidly to the handle. By this

construction one handle may be used, and any number of picks of different weights may be fitted to it; also, other tools which can be used with such a handle.

Whenever a pick becomes dull, it may be removed and another one put into the handle, and so on, and when several picks are ready to be sharpened they may be taken away to the blacksmith-shop and sharpened and returned without carrying the handles with them.

The picks and handles all being made interchangeable, it will not matter what pick in particular a man may receive, it will always fit the handle which he has.

When the picks are to be carried away or out of the mining-shaft or place where they are used, they can be bundled together in a comparatively small space and sent up in the bucket without much danger of having any of them hit some obstruction so as to knock them out. They are always very convenient for prospecting purposes, as a handle and pick can be packed up in a small compass.

When used in dry places, there is no danger of the pick becoming loose by the drying up and contraction of the handle.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

In a pick, a handle having metallic straps permanently secured to its opposite sides and projecting beyond its end, said straps being provided with beveled edges on their sides, with transverse slots made through these projecting parts, and separate and independent plates secured to the front and back sides of the handle so that their ends are flush with the end of the handle, in combination with a pick-head having its sides dovetailed to fit between the beveled edges of the straps, while its under or concave side rests upon the plates secured to the front and back sides of the handle, said head being slotted to correspond with the slots in the straps and secured thereto by a tapering wedge-shaped key or cotter whereby adjustment for wear may be made, substantially as herein described.

In witness whereof we have hereunto set our hands.

JAMES P. DAVIS.

Witnesses: JUAN G. ROBBINS.

THOS. R. BARRY,

W. TUCKER.