

I. W. FINK.
Tool-Holders.

No. 146,759.

Patented Jan. 27, 1874.

Fig 1.

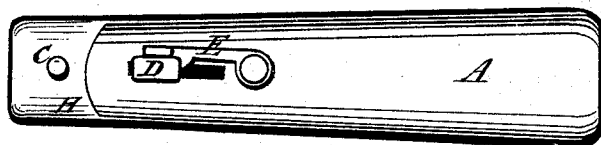


Fig. 2.

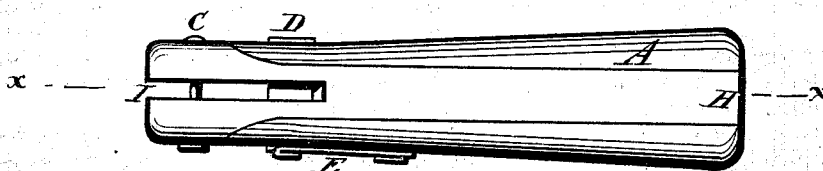


Fig. 3.

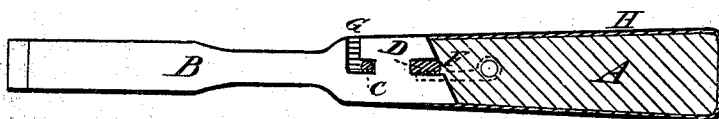
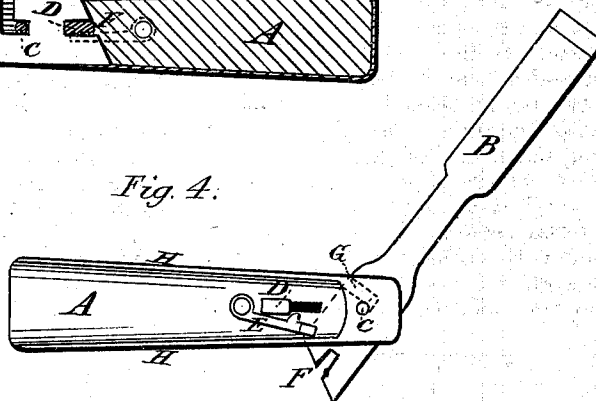


Fig. 4.



Witnesses.

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UNITED STATES PATENT OFFICE.

ISAAC W. FINK, OF HILLSBOROUGH, ILLINOIS.

IMPROVEMENT IN TOOL-HOLDERS.

Specification forming part of Letters Patent No. **146,759**, dated January 27, 1874; application filed December 30, 1873.

To all whom it may concern:

Be it known that I, ISAAC W. FINK, of Hillsborough, in the county of Montgomery and State of Illinois, have invented an Improvement in Tool-Holders, of which the following is a specification:

The object of my invention is to form a convenient fastening for tools used in cutting, puncturing, and similar purposes in mechanical operations, and for instruments used by professional men, which can be quickly disengaged from the holder or handle, and another substituted, or, when separated, conveniently packed in a small compass for future use.

Figure 1 of the drawing is a side view of the holder or handle. Fig. 2 is a top view of the same. Fig. 3 is a section through line *xx* of Fig. 2, with a tool fastened in position for use. Fig. 4 is a view of the holder and tool in a position ready to be detached.

A is the holder; B, the tool; C, the riveted pivot; D, the sliding catch; E, the latch; F, the notch in the tool at the end; G, the slotted notch admitting the pivot; and H the metal brace or strengthener around the handle.

The holder or handle is to be constructed ordinarily of wood, ivory, horn, or similar appropriate material, secured by the strengthening band of metal H, extending along its sides and over the end. A slot, I, cut in the end admits the beveled end of the tool B to be

fastened. The slotted notch G receives the riveted pivot C, and the end of the slot G, turning at right angles, exactly fits it, so that when the slide D is moved into the slot I at the end of the tool, the latter is held firmly in place. To prevent the slide D from becoming loose, or from being shaken out of place, the latch E is turned down against it, on the outside of the handle.

The holder may be made to receive a tool or instrument at either end, using the same appliances for fastening as above described.

The use of the fastening is not to be confined to any one kind of tool or class of instruments, but may be adapted to all descriptions of coupling where a handle is necessary.

Having thus described my invention, I claim—

The combination of the holder A, as shown, with a tool or instrument whose end is beveled to fit said holder, and is provided with the right-angled slot G and straight slot D, near the beveled end, all constructed and arranged substantially as and for the purposes shown.

In testimony that I claim the foregoing invention I have hereunto set my hand this 22d day of August, 1873.

ISAAC W. FINK.

Witnesses:

JOHN M. CRESS,
SAM'L. YOUNG.