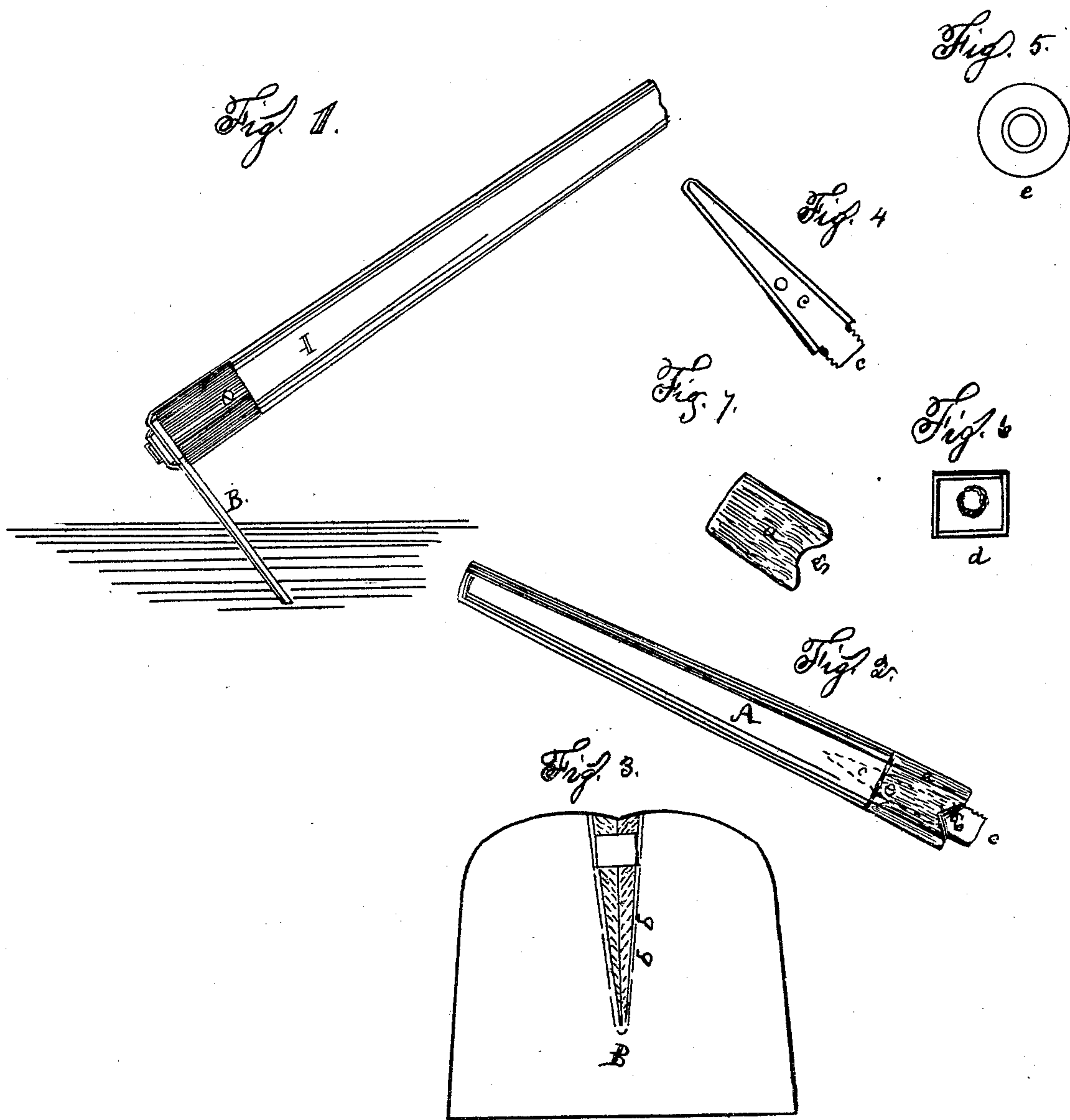


I. COOK & J. T. BEVER.
Improvement in Hoes.

No. 114,266.

Patented May 2, 1871.



Witnesses
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ISAAC COOK AND JOHN T. BEVER, OF HAYNESVILLE, MISSOURI.

Letters Patent No. 114,266, dated May 2, 1871.

IMPROVEMENT IN HOES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that we, ISAAC COOK and JOHN T. BEVER, of Haynesville, Clinton county, Missouri, have invented a new and useful Improvement in Constructing Hoes; and we do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings making a part of this specification.

Figure 1 represents our improved hoe partly in section, showing the connection with the handle.

Figure 2 represents the handle detached.

Figure 3 represents the hoe detached.

Figure 4 represents the spike or shank detached.

Figure 5 represents the washer used for a secondary help in holding the blade firm when attached to the handle.

Figure 6 represents a screw-tap, *d*, used for the purpose of holding the blade B securely to the handle, in connection with spike *c*, washer *e*, and band *a*, as hereinafter described.

Figure 7 represents the band *a* detached.

This invention relates to an improvement in attaching hoes to the handles and detaching, at will, as also giving strength to the blade and security to the position of the same on the handle.

A is a handle of wood, on the head of which is driven a metal band, *a*, and into which a spike, *c*, is driven, said band and spike being firmly secured in their positions by a bolt or screw, *f*, passing through the band *a* and spike *c* and the head of the handle A.

In the center of the band *a* is a groove, *g*, as represented in figs. 2 and 7.

The shoulder of the spike *c* is made square to suit the corresponding square-eyed blade B.

The blade B has a stamped or set rib, *b b*, which fits a corresponding groove, *g*, in band *a*. Said rib *b b* has the double object of giving additional strength to the blade B, as also holding the blade firmly upon the handle, in connection with the square eye and the corresponding groove *g* in band *a*; when all the parts are placed as described, the washer *e* and screw-tap *d*, being run upon the end of spike *c*, make a novel and cheap fastening of the blade B to the handle A.

Having thus described our invention,

We claim as new and desire to secure by Letters Patent—

The hoe-blade B, when provided with a square or angular eye, and corrugation *b b*, in combination with a handle, A, having a corresponding depression in the ferrule *a* for the corrugation *b b* of the blade, and a square or angular tang, *c*, made permanent in handle A by screw or bolt *f*, with screw and nut for securing the parts together, as specified.

ISAAC COOK.
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