

(No Model.)

R. H. HUNTER.

NAIL SET.

No. 374,252.

Patented Dec. 6, 1887.

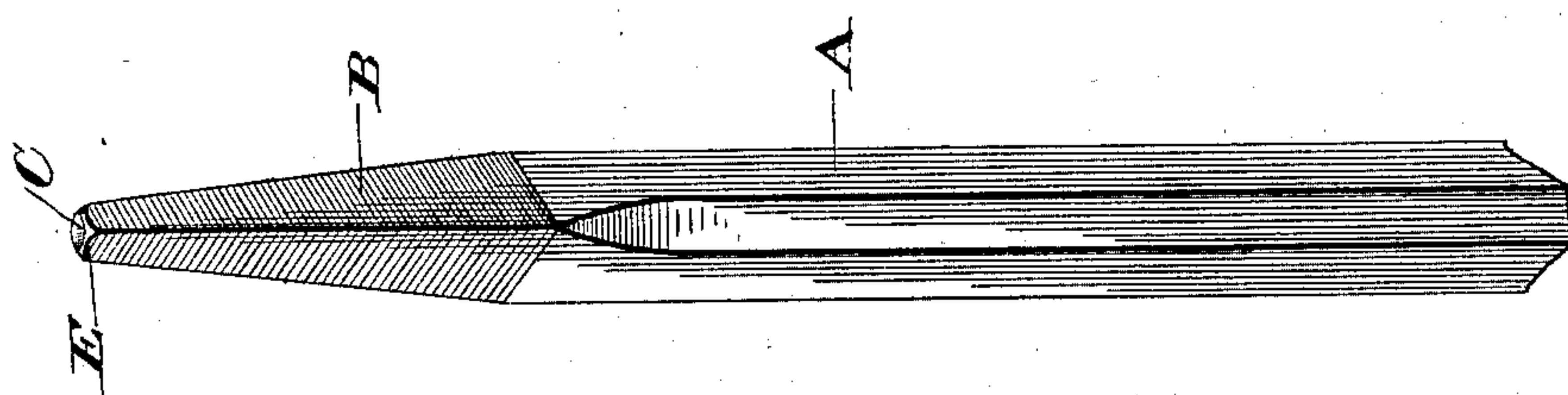


Fig. 3.

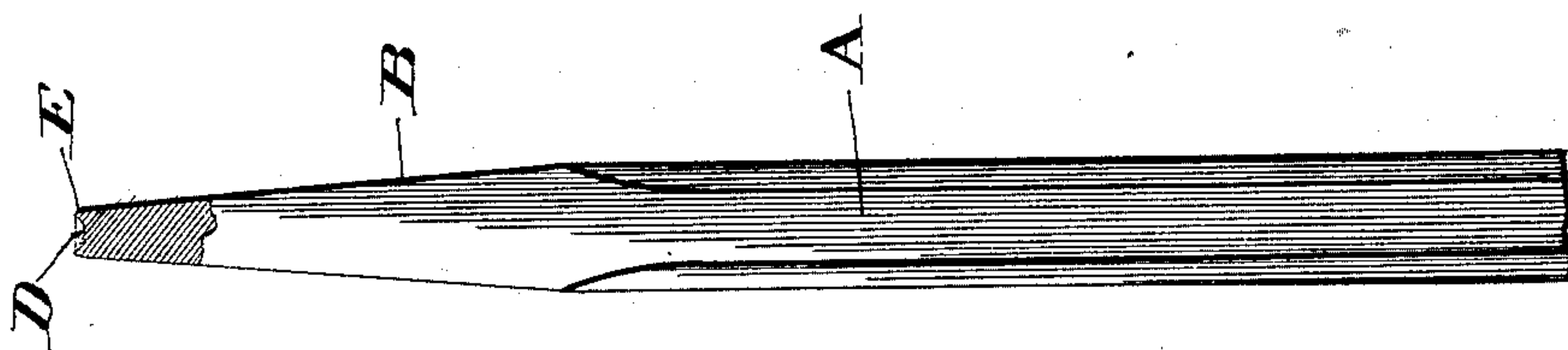


Fig. 2.

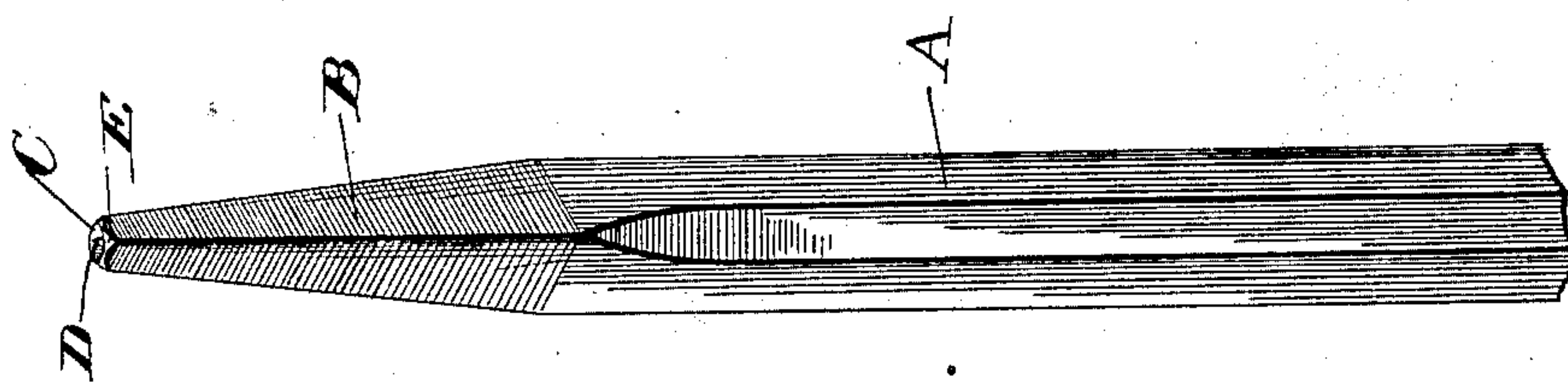


Fig. 1.

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UNITED STATES PATENT OFFICE.

ROBERT H. HUNTER, OF POUGHKEEPSIE, NEW YORK.

NAIL-SET.

SPECIFICATION forming part of Letters Patent No. 374,252, dated December 6, 1887.

Application filed June 18, 1887. Serial No. 241,719. (No model.)

To all whom it may concern:

Be it known that I, ROBERT H. HUNTER, a citizen of the United States, residing at Poughkeepsie, in the county of Dutchess and State of New York, have invented certain new and useful Improvements in Nail-Sets; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

Figure 1 is a perspective view of my improved nail-set. Fig. 2 is a side view of the same, with a portion of the point broken away to more clearly show the construction of its cupped or concaved end; and Fig. 3 is a perspective view of another form of my invention.

My invention has relation to that class of implements known as "nail-sets;" and it consists more particularly in the novel construction of the lower concaved end, which will be hereinafter more fully described and claimed.

Similar letters of reference denote corresponding parts in all the figures.

In the accompanying drawings, the letter A indicates the handle or body portion of the implement, which may be constructed of any suitable material. B denotes the point of the same, which is preferably formed tapering, having a shallow concavity, C, located therein, and a conical or pyramidal point, D, preferably projecting slightly beyond the concavity. The outer edge of this concavity is preferably beveled, as shown at E in the accompanying drawings. The concavity in the working end is made shallow for the purpose of forming a strong biting-edge, for should the concavity be deep the edge would weaken so much that it would be liable to split or break when engaging hard metal.

The operation of my implement is as follows: When it is desired to drive the head of a nail or tack out of sight, (after it has been driven as far as its head in the object nailed,)

the concave end of the implement is placed against the head of the nail or tack and a suitable power is applied at the opposite end. The point first enters the head of the nail or tack, and the sharpened edge of the concavity, which has been made so by the beveling of its outer edge, now also enters the head, thus distributing the shock of the blow over the center and body of the nail-head, which thus prevents it from being split or disfigured, obviating the great difficulty experienced with tools now in use employing sharp points.

From the foregoing description, taken in connection with the accompanying drawings, it will be readily seen that my invention is simple, strong in construction, and exceedingly efficient and satisfactory in its operation.

It will further be seen that my invention is well adapted for straightening nails which have been driven crookedly, by placing the concave point against the head of the nail and forcing it to its desired position by means of suitable power applied to the opposite end of the implement. The concave end biting in the head of the nail prevents it from slipping.

I would have it distinctly understood that I reserve to myself the right to make such changes and modifications as would suggest themselves to an ordinary mechanic without departing from the spirit of my invention. For instance, the conical or pyramidal point, which I have shown projecting slightly beyond the edge of the concavity would be just as efficient and would accomplish the same result if it extended only to the edge of the concavity, which construction I may prefer to adopt; or, should it be desired, the conical or pyramidal point may be entirely dispensed with, as shown in Fig. 3 of the accompanying drawings.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. A nail-set the working end of which is formed with a beveled outside face and provided with a shallow concavity, thereby form

ing a continuous biting-edge to engage a nail-head, substantially as set forth.

2. A nail-set having a concavity in its pointed end, in combination with a conical or pyramidal point located in said concavity.

3. A nail-set having a concavity in its pointed end, the outer edge of said concavity being beveled, in combination with a conical or pyramidal point located in said concavity.

In testimony whereof I affix my signature in presence of two witnesses.

ROBERT H. HUNTER.

Witnesses:

LOUIS BEDELL,

WM. MORGAN LEE.