

JOSEPH JOREY.

Improvement in Horseshoe-Nails.

No. 126,712.

Patented May 14, 1872.

Fig. 1.

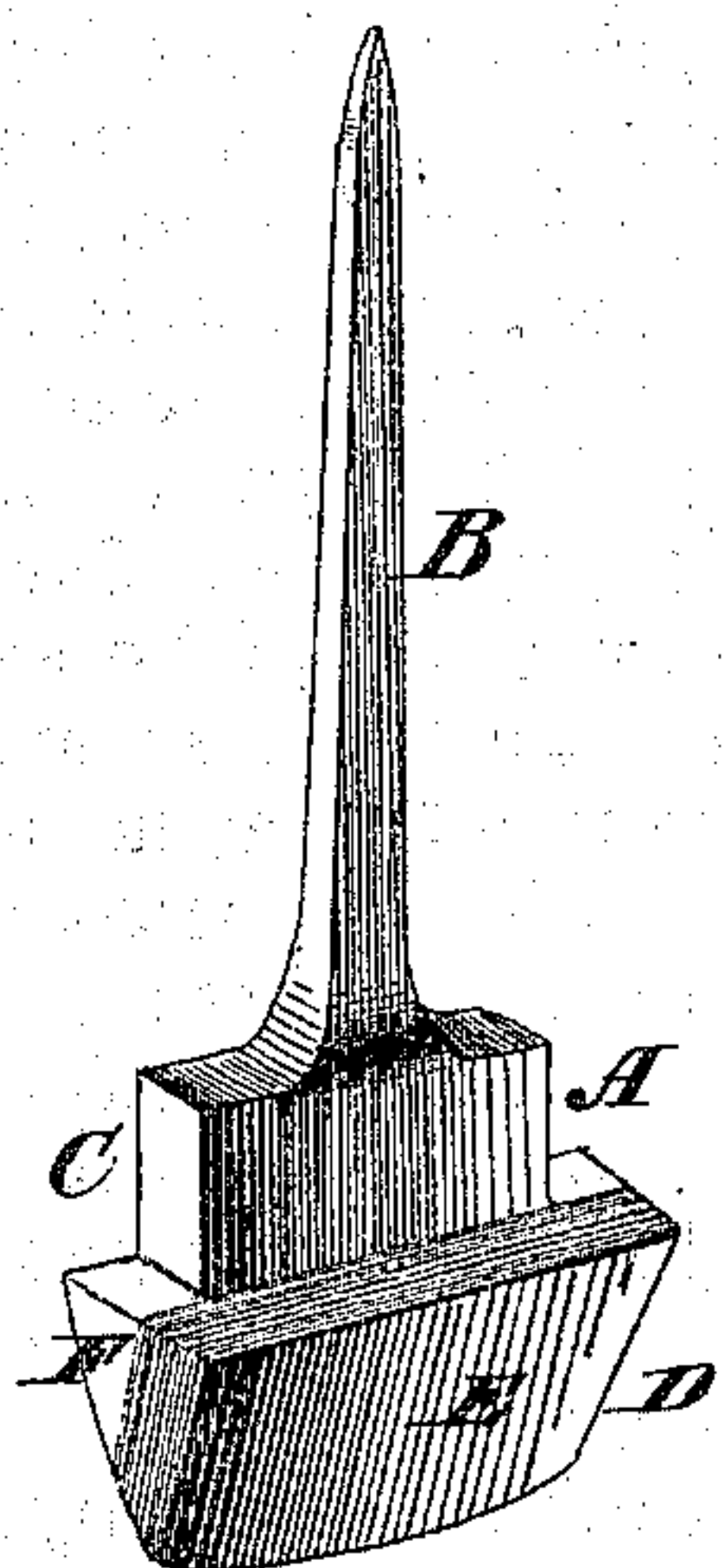


Fig. 2.

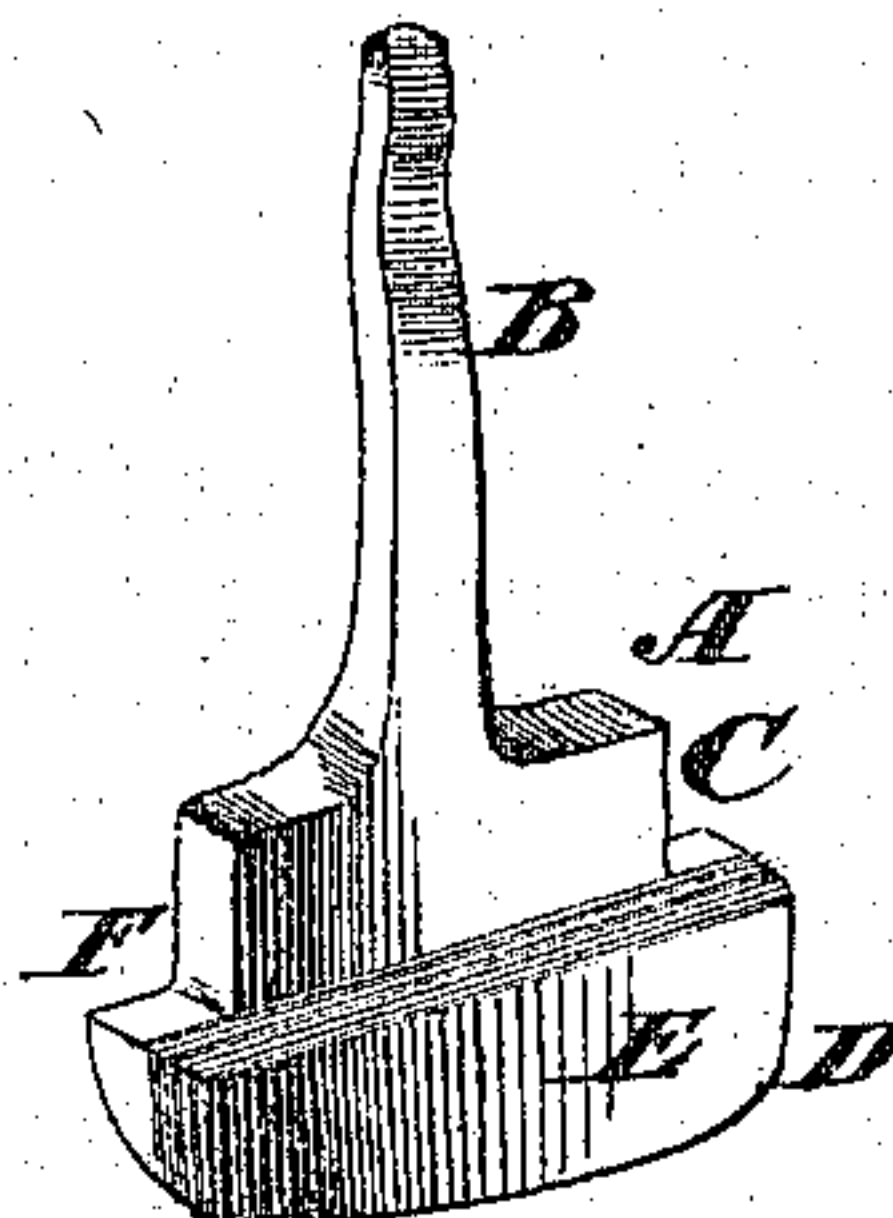


Fig. 3.



WITNESSES.

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JOSEPH JOREY, OF NORWICH, CONNECTICUT.

IMPROVEMENT IN HORSESHOE-NAILS.

Specification forming part of Letters Patent No. 126,712, dated May 14, 1872.

To all whom it may concern:

Be it known that I, JOSEPH JOREY, of Norwich, in the county of New London and State of Connecticut, have invented a new and useful Improvement in Horseshoe-Nails; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to a new and useful improvement in the construction of nails for shoeing horses; and consists in forming the heads of such nails partly of iron or soft metal and partly of steel or hard metal, so that the heads may be made to serve as calks and be self-sharpening, while they serve to hold the shoe to the horse's foot, as will be hereinafter more fully described and specified.

In the accompanying drawing, Figure 1 represents a horse nail with a calk-head, one side of which head is formed of steel and the other of iron. Fig. 2 represents the same, showing a nail which has been in use. Fig. 3 is an edge view of a rod or bar rolled, partly of iron and partly of steel, from which my improved horse nails are made.

Similar letters of reference indicate corresponding parts.

A is the nail, made with the shank B in the ordinary form, with a neck, C, to fit into the channel or groove of the shoe, and with a head,

D, of any form or size, with its inner portion or surface E formed of steel, and with its outer portion or surface F formed of soft iron. The inner surface E is a thin plate of steel rolled or welded onto the softer iron part F. The steel plate is supported by the iron, and prevented from breaking while the iron wears away and keeps the steel edge sharp for a much longer time than it would be were it made entirely of steel. These nails are used mainly in the toe of the shoe; but they may be used in the heel or any part of the shoe. The shoe may be fastened to the hoof of the horse entirely thereby. With these nails a horse may be kept sharp-shod all the time, until the shoe itself is worn out, as the nails may be renewed from time to time, as may be required. These nails may be made of soft and hard iron, arranged as described, so that the soft iron will wear away and leave the hard, and thus be self-sharpening; but I prefer to make them of steel and iron combined.

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

A combined nail and calk, consisting of three parts: a nail to enter the hoof, a shank to enter the shoe, and a calk projecting below them.

JOSEPH JOREY.

Witnesses:

GEO. W. MABEE,
T. B. MOSHER.