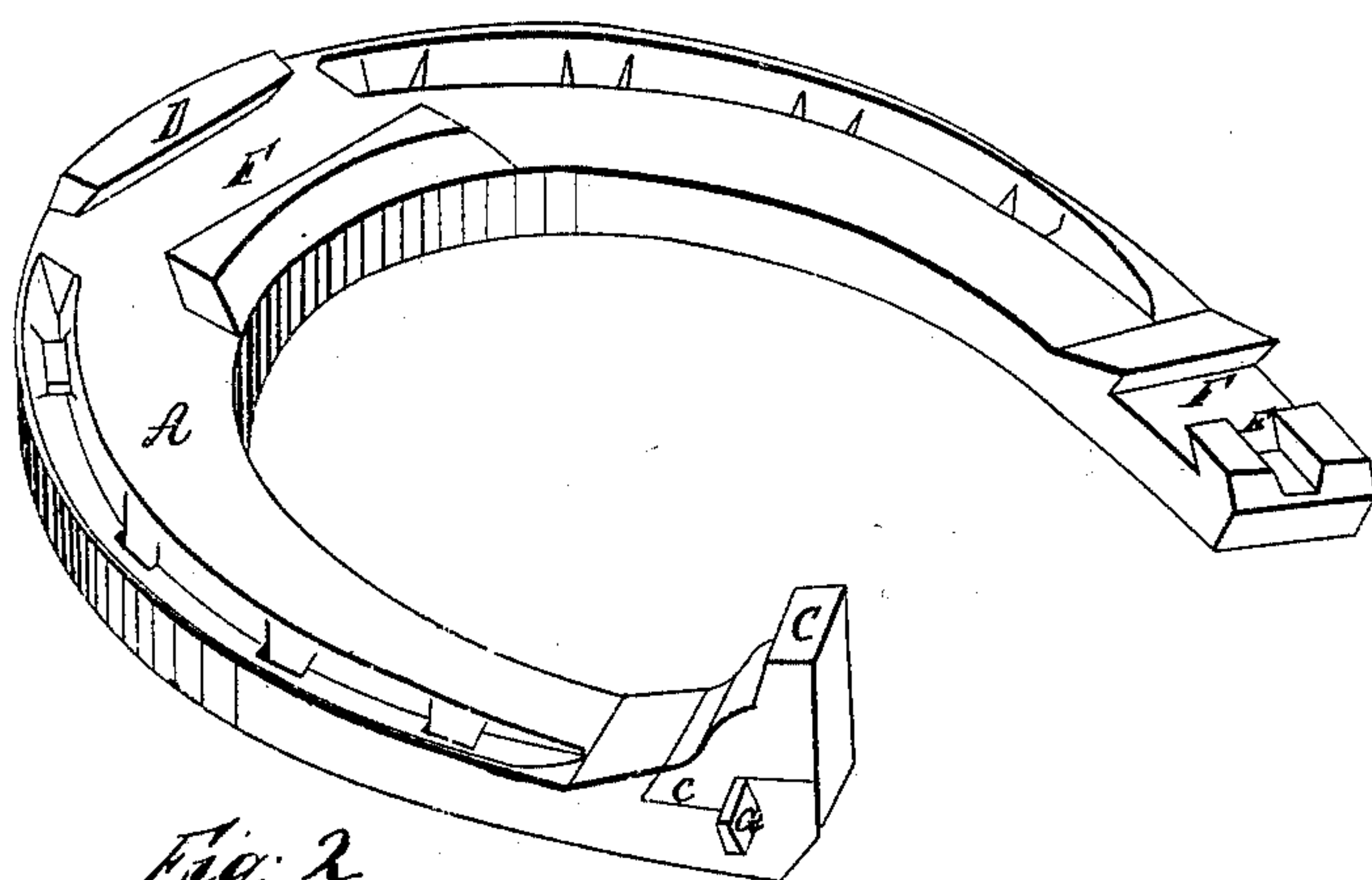


J. CARLIN.  
HORSESHOE.

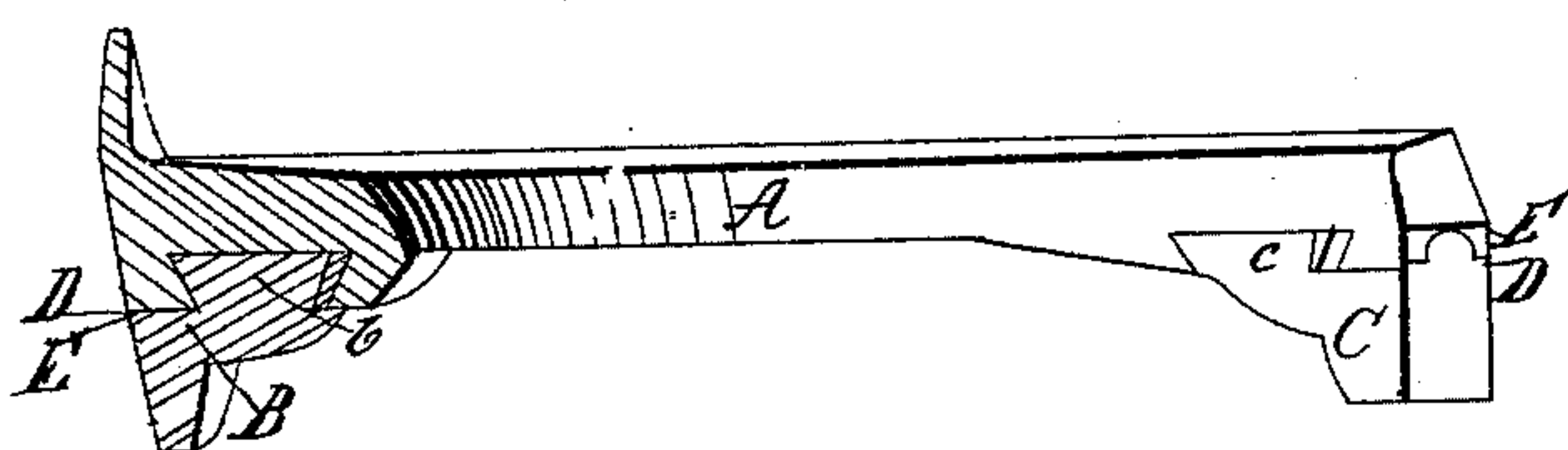
No. 26,832.

Patented Jan. 17, 1860.

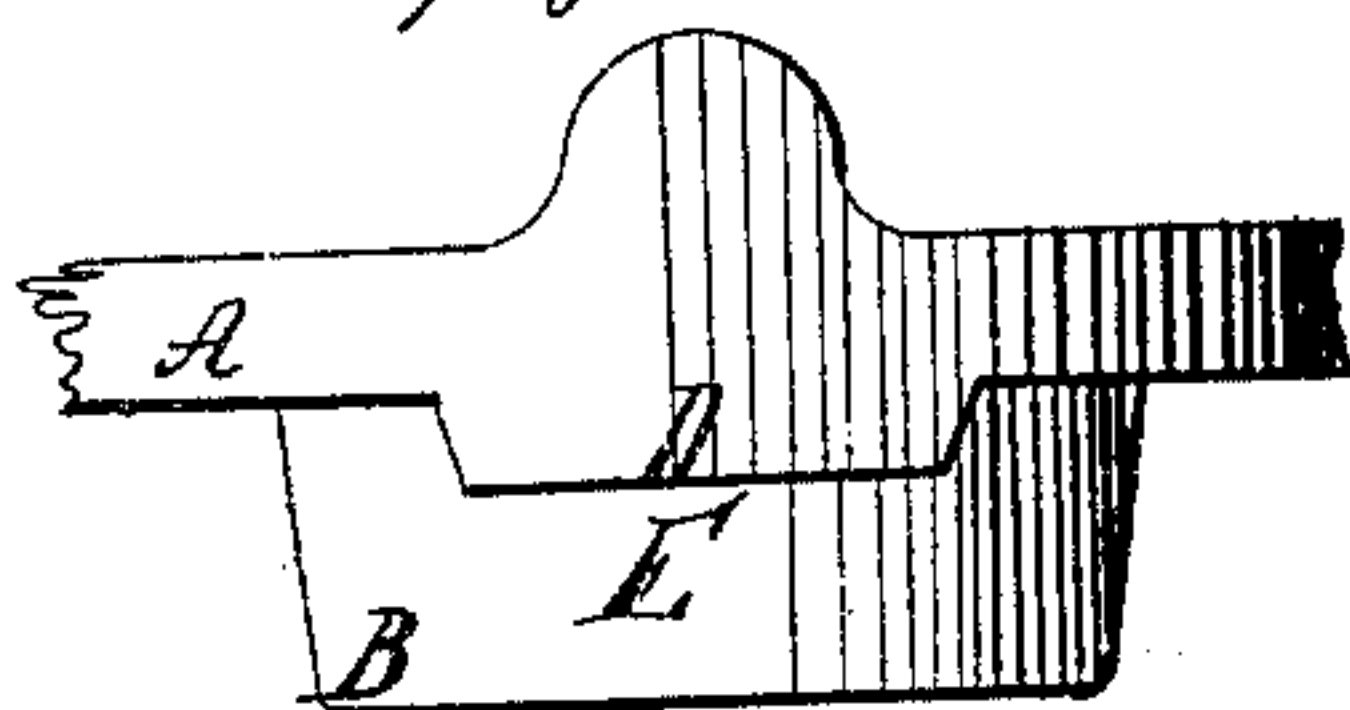
*Fig. 1*



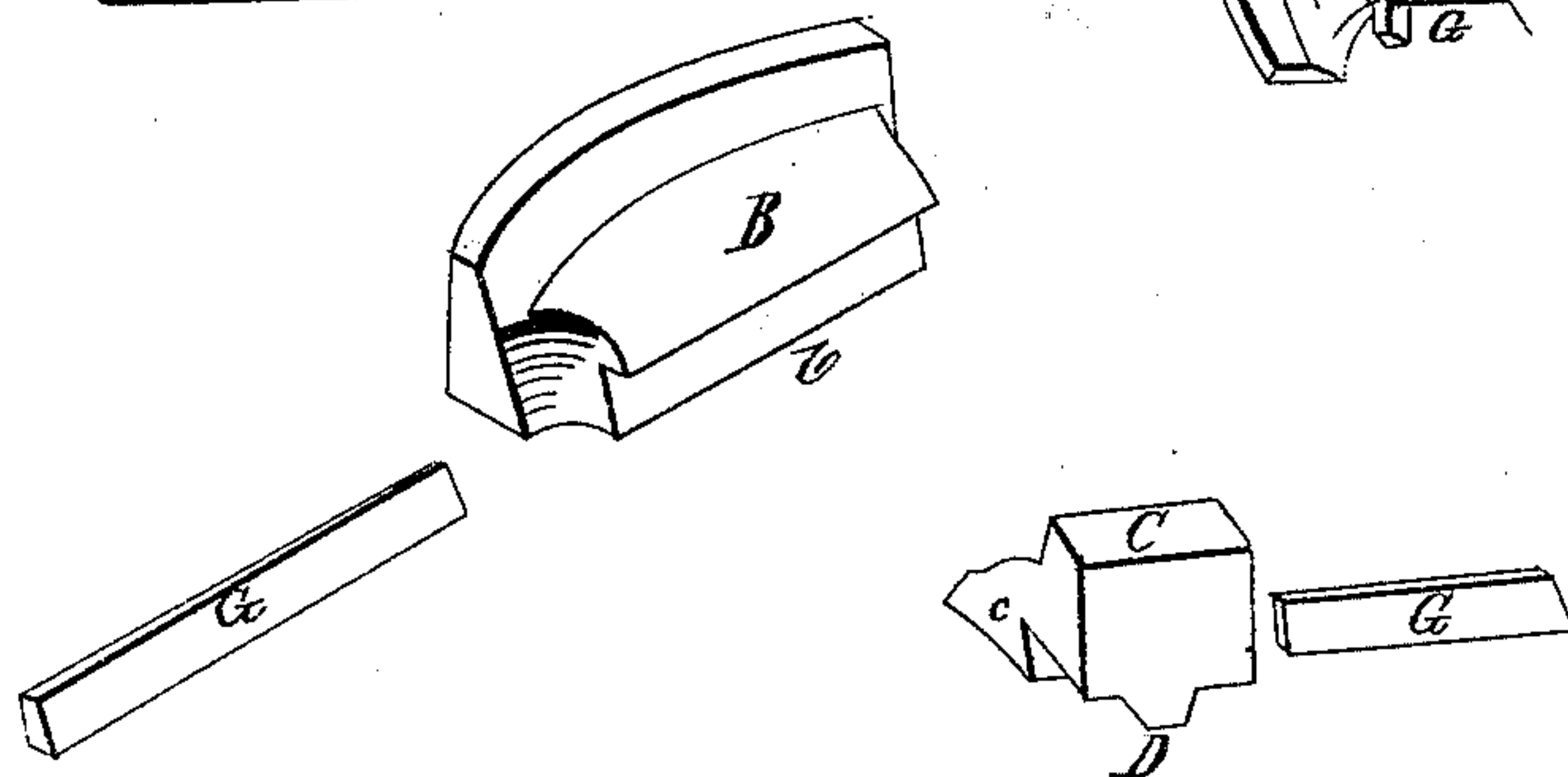
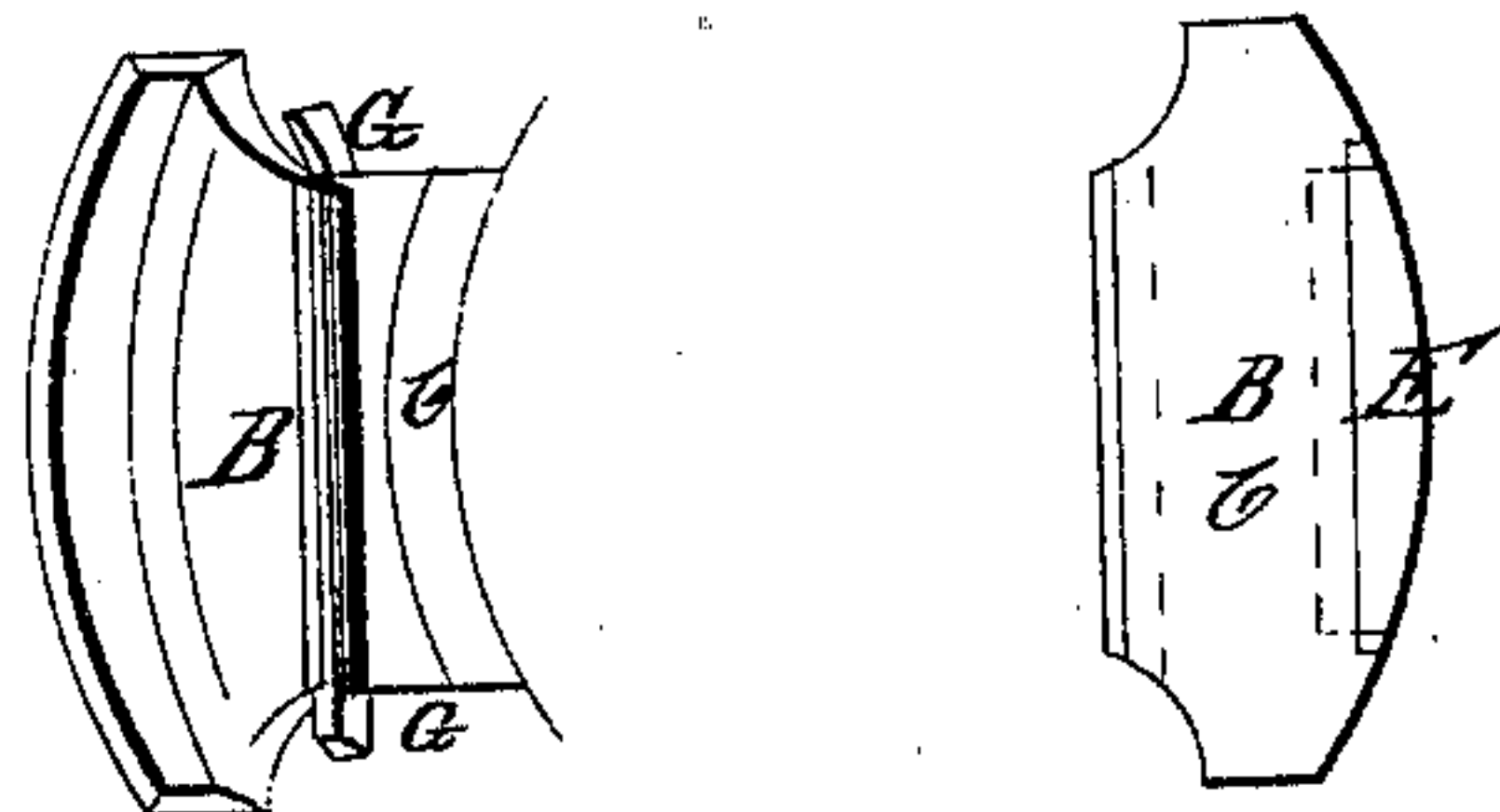
*Fig. 2*



*Fig. 3*



*Fig. 4*



Witnesses:  
Francis Milliard

Inventor  
Jos. Carlin

# UNITED STATES PATENT OFFICE.

JOSEPH CARLIN, OF CUMMINSVILLE, OHIO.

## IMPROVED HORSESHOE.

Specification forming part of Letters Patent No. 26,832, dated January 17, 1860.

*To all whom it may concern:*

Be it known that I, JOSEPH CARLIN, of Cumminsville, Hamilton county, Ohio, have invented a certain new and useful Improvement in Horseshoes; and I hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, making part of this specification.

My invention relates to the class of horseshoes whose toes and calks are adapted to be easily attached to or detached from the main portion or base; and it consists in a more secure and compact construction of parts than are exhibited in previous contrivances.

In the accompanying drawings, Figure 1 represents under side of base with one calk inserted, the toe and other calk being detached. Fig. 2 is a longitudinal section of the shoe. Fig. 3 is a front view. Fig. 4 is an outer view of a toe. Fig. 5 is an inner view of the same.

Horseshoes with detachable calks and toes have hitherto been defective, owing to liability to dislodgment by the violence incident to their use. In order to provide against such casualties, I form in the contiguous sides of the base A and the toe B and calks C, respec-

tively, corresponding projections and depressions, D E. The dovetailed tenons or shanks *b c* of the toe and calks, respectively, fit corresponding mortises, F, in the under side of the base, with sufficient play to enable them to be secured, after insertion, by the driving in and clinching of keys G. The base is made of malleable cast-iron, the calks and toe of steel, and the keys of wrought-iron. Portable calks and toe may be thus secured without liability of dislodgment, and when worn or broken, or to be replaced by sharpened toe and calks for winter use, can be taken out by removing the keys.

I claim as new and of my invention herein and desire to secure by Letters Patent—

The arrangement of the projections D, cavities E, dovetails *b c* F, and wedge-keys G, constructed and combined substantially in the manner and for the purpose set forth.

In testimony of which invention I hereunto set my hand.

JOS. CARLIN.

Witnesses:

GEO. H. KNIGHT,  
C. STEEMER, Jr.