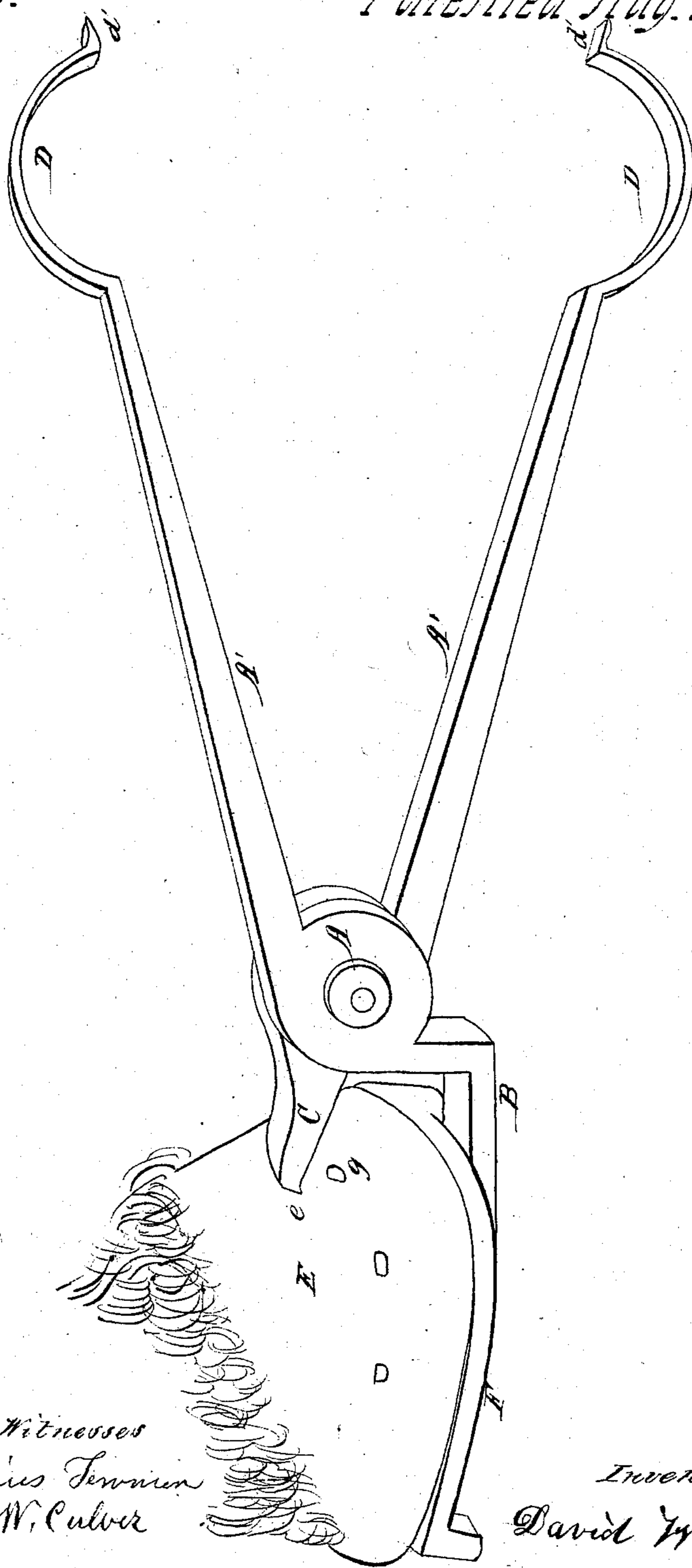


Clinchers.

Patented Aug. 27, 1867.



Witnesses
Julius Tervinen
E. W. Culver

Inventor.
David W. Bush

United States Patent Office.

DAVID W. BUSH, OF CLARENCE, MISSOURI.

Letters Patent No. 68,040, dated August 27, 1867.

IMPROVEMENT IN TOOL FOR CLINCHING NAILS IN HORSE-SHOEING.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that I, DAVID W. BUSH, of Clarence, county of Shelby, and State of Missouri, have invented new and useful Improvements in Pincers for Clinching the Nails in Horse-Shoeing; and I do hereby declare that the following is a full and complete description of the construction and operation of the same, reference being had to the accompanying drawings, making part of this specification.

In the accompanying drawings, A A' represents the pincers, B represents the lower jaw of the pincers, and C the upper jaw. D represent semicircular springs on the ends of the arms A'. The outer ends of these springs are furnished with stops *d*, which are brought into contact in the act of clinching a nail, and by compression allows of a further movement to complete the operation. On the under side of the lip C is a hook or tooth, *e*, which engages the end of the nail, as hereafter specified. E represents the hoof of the horse, and F represents the shoe.

After the nails are driven, and the point twisted off close to the hoof by the claw of the hammer, in the usual manner, the pincers are applied for clinching the nail. To this end the jaw B of the pincers is placed on the head of the nail, below the shoe, and the tooth *e* brought into contact with the point of the nail *g* upon the shoe E, and by compressing the arms A' until the stops *d* come in contact, the nail is bent down over the hoof, and by a further contraction the nail is completely clinched.

In using this instrument the jaw B is placed below the shoe, (the horse's foot standing upon the ground,) and in this position the process of clinching the nails is accomplished.

I am aware that clinching-pincers have been constructed, with the clinching-jaw placed nearly at right angles to the opposite jaw, and furnished with a series of serrated teeth; but this I do not claim.

What I do claim as my improvement, and desire to secure by Letters Patent, is—

The combination of the arms A', the jaw B, jaw C, lip *e*, springs D, and stops *d'*, as and for the purpose herein set forth.

DAVID W. BUSH.

Witnesses:

JULIUS TOWNSON,
E. W. CULVER.