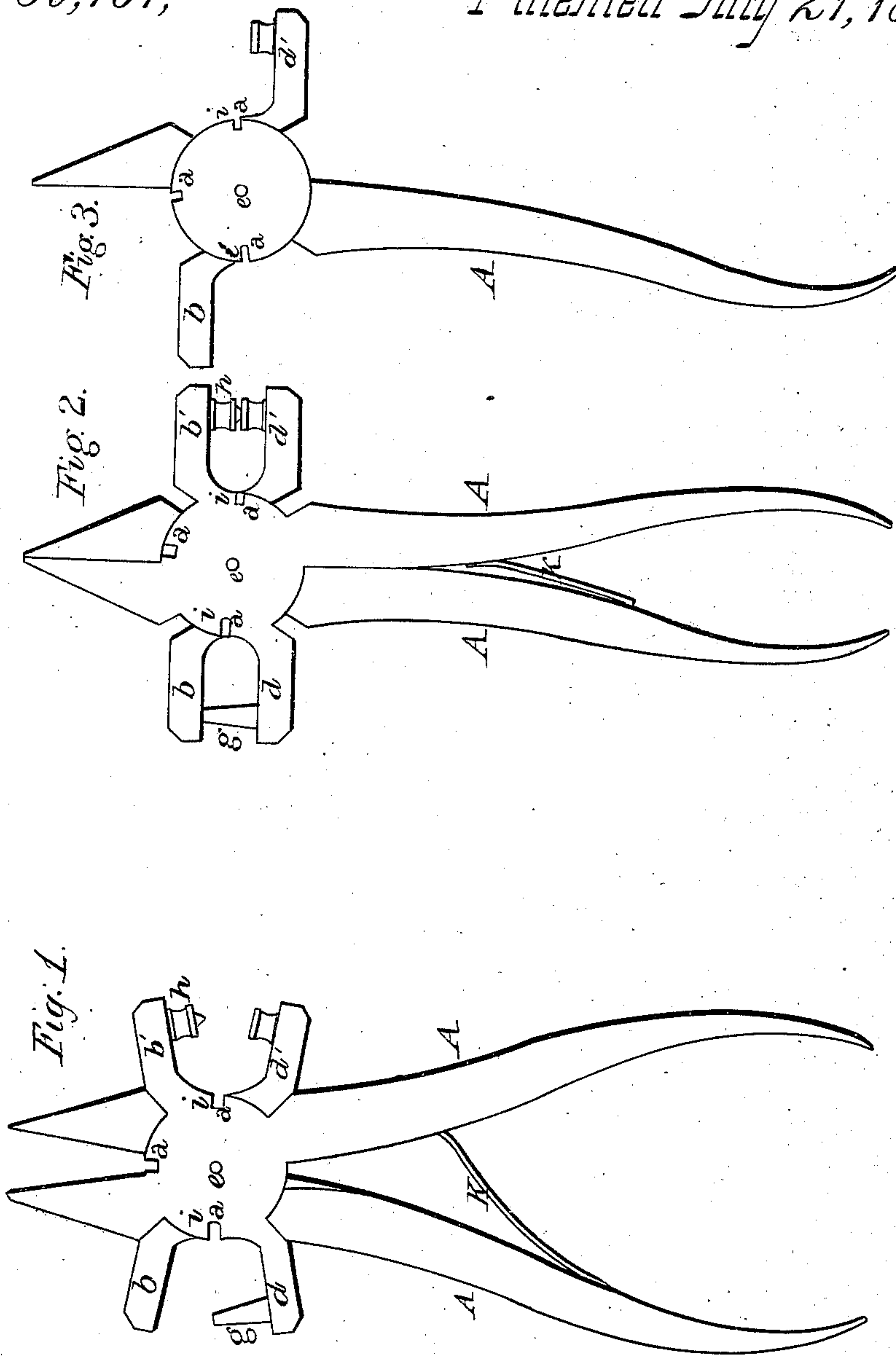


W. T. Fisher,
Shoemakers' Tool,
No 80,161,
Patented July 21, 1868.



Witnesses

J. W. Ellis
J. H. Miller

Inventor

W. T. Fisher
per J. H. Alexander
Atty.

United States Patent Office.

WILLIAM T. FISHER, OF ROANE COUNTY, TENNESSEE.

Letters Patent No. 80,161, dated July 21, 1868.

IMPROVEMENT IN SHOEMAKERS' TOOL.

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, WILLIAM T. FISHER, of the county of Roane, and State of Tennessee, have invented certain new and useful Improvements in Shoemakers' Tools; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to accompanying sheets of drawings, and to the letters of reference marked thereon, in which—

Figure 1 is a plan view, with the pliers open,

Figure 2 a plan showing them shut, and

Figure 3 a plan of one side of the pliers.

The object of this invention is to combine in one device several of the more important tools used by shoemakers, for the purpose of economy and convenience, and the nature of it consists in so constructing or forming the jaws of pliers, that upon either side of the same there shall be a punch, eyelet-set, hammer, and nail-cutter, or such other devices as the peculiar construction of my improved tool will suggest or admit of.

To enable others to make and use my invention, I will now describe its construction and operation.

In the accompanying drawings, A A represent the shanks of the pliers, the jaws of which I prefer to make straight, as seen in the drawings. Around the hole through which the rivet *c* enters, the sides or shanks A A are made circular. A little above the centre, on one side of each of the parts, are the jaws or projections *b b'*, and diagonally across, beneath the centre, are similar jaws or projections *d d'*. Between the jaws *b b'* and *d d'* may be secured the eyelet-cutter *g* and setter *h*. At the base of the jaws, the cutters *i i* are formed by means of the grooves or slots *a a*, being stepped so as to have a cutting and resisting surface opposite to each other. The ends of the jaws *b* and *d* may be flattened into a hammer, and, to and still further utility to the tool, a tack or nail-claw can be formed at the end of one or both of the handles. It should be observed that the inner circular part of the sides A A should be cut away, so that when the two sides are riveted together, they will be flush with each other. K represents a spring, fastened between and upon one of the handles, in the usual way.

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

Constructing the sides A A with jaws or projections *b b'* and *d d'*, for the purpose of combining with the pliers any suitable tool or device, substantially as described.

In testimony that I claim the foregoing as my own, I affix my signature in the presence of two witnesses.

WM. T. FISHER.

Witnesses:

GEO. M. BURDETT,

W. R. RIDER.