

C. J. Heistand,

Wood Chisel.

No 17,878.

Patented July 28, 1857.

Fig. 1.

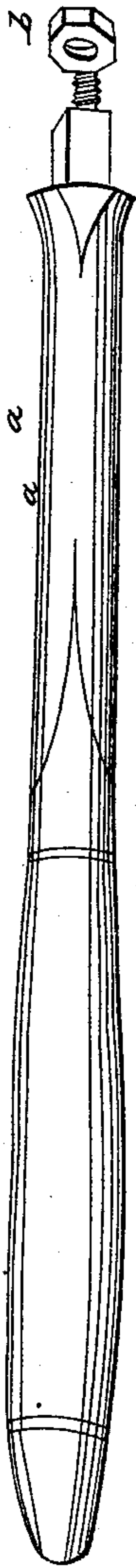
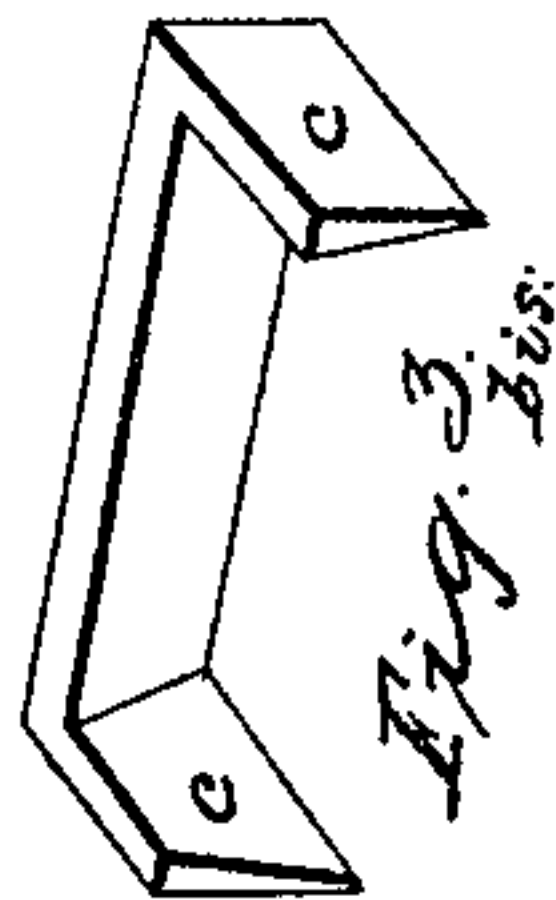
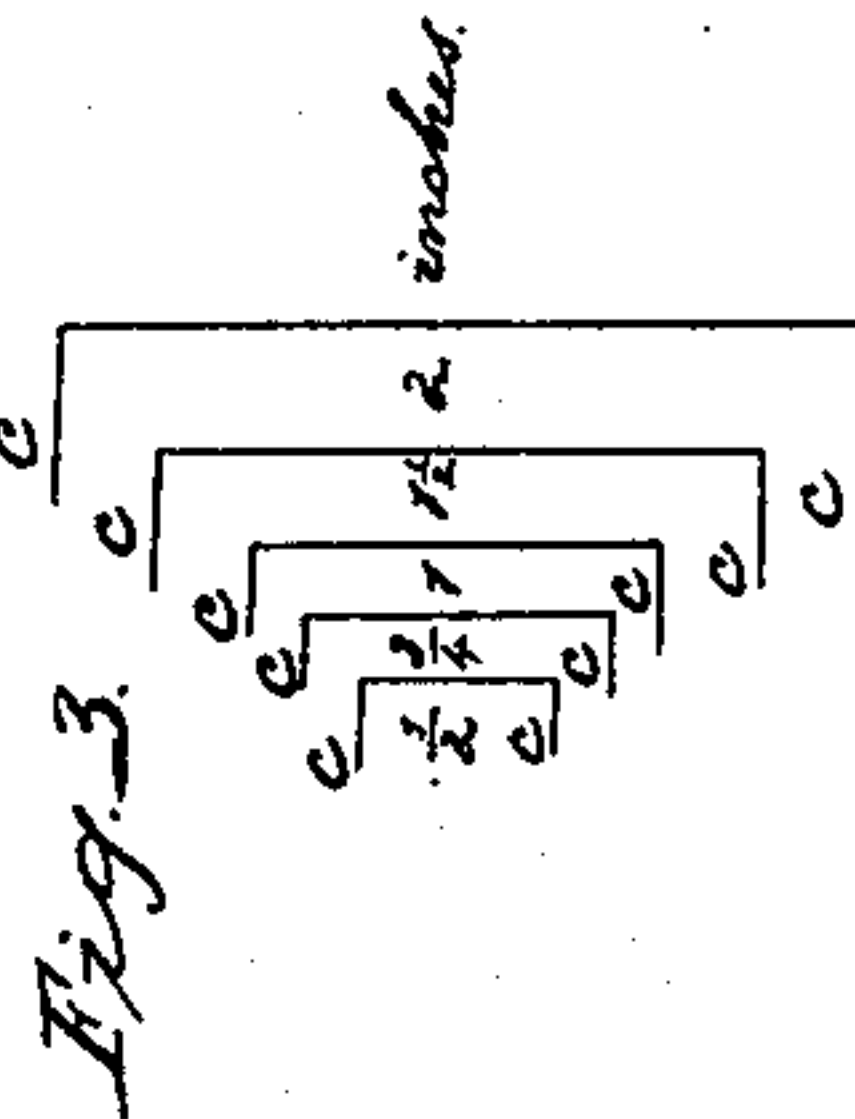
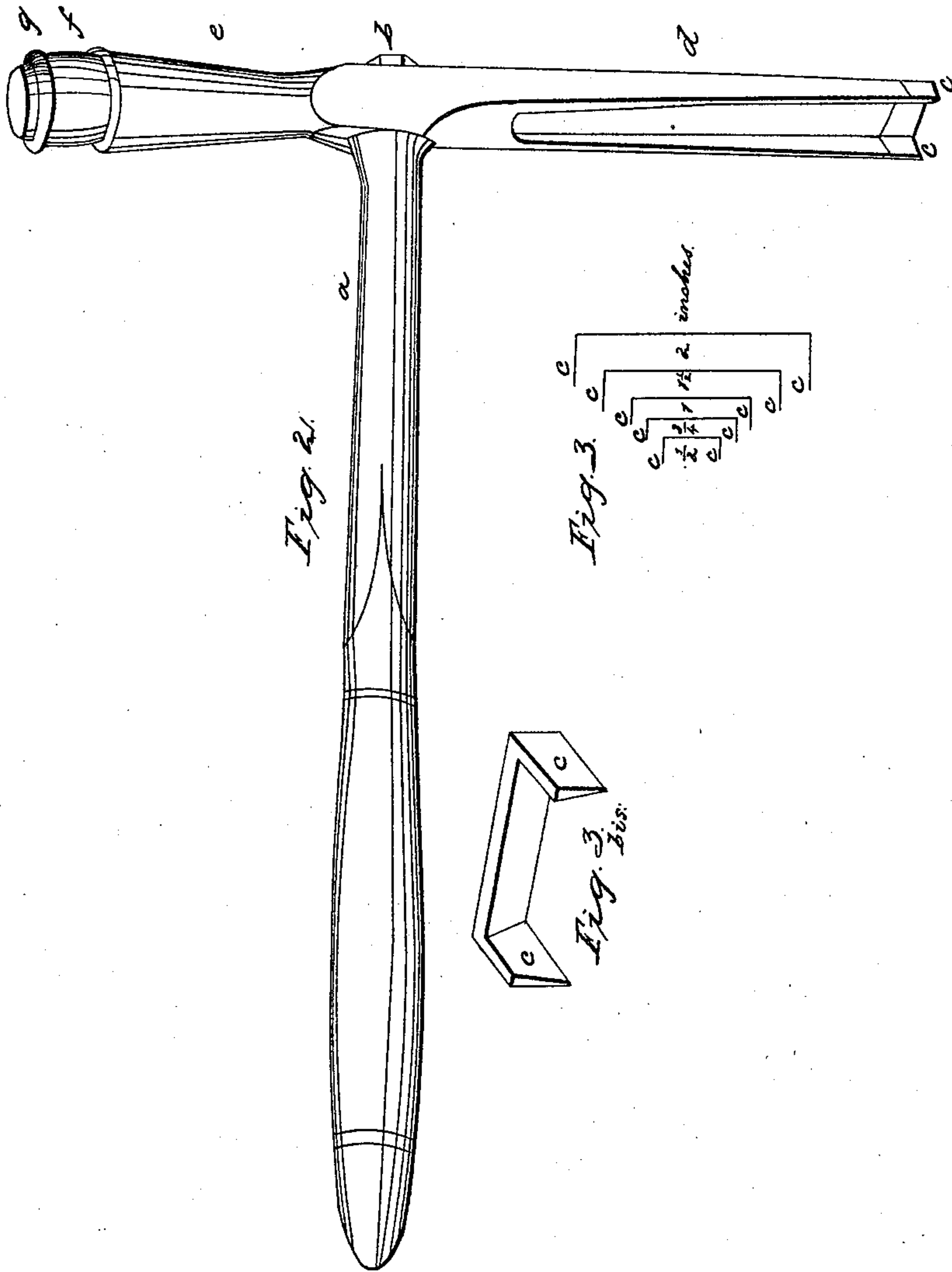


Fig. 2.



Witnesses:
Jacob Stauffer
Samuel I. May

Inventor:
C. J. Heistand

UNITED STATES PATENT OFFICE.

C. J. HEISTAND, OF RAPHO TOWNSHIP, PENNSYLVANIA.

MORTISING-CHISEL.

Specification of Letters Patent No. 17,878, dated July 28, 1857.

To all whom it may concern:

Be it known that I, CHRISTIAN J. HEISTAND, of Rapho township, Lancaster county, in the State of Pennsylvania, have
5 invented a new and Improved Device for Mortising Heavy Timber; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and to the let-
10 ters of reference marked thereon.

The nature of my invention consists in providing the chisel with an eye for the reception of a long handle, the construction and operation of which I will proceed to describe more fully.
15

Figure 1 is an ordinary handle partly of wood the lower part *a*, of iron to the end of which a screw is cut, (allowing a square portion the thickness of the chisel,) with a nut
20 *b*. The chisels, from half to two inches in width, forming a set, are so constructed as to fit the same handle Fig. 1, or of any other size desirable, either with or without the side edge *c, c*, Figs. 2 and 3. Fig. 2 represents
25 one of these chisels with the handle attached,

c, c, the three cutting edges at right angles, for cutting a clean corner—*d*, the bit or lower part; *e*, the upper part or socket; *f*, the plug of hard wood, in the socket; *g*, a ring to protect the wood, when struck with a
30 heavy maul.

The object gained is self evident, 1st the carpenter can steady the chisel and have a fuller sweep in striking or when struck by an assistant his hands are out of danger, while
35 it affords a leverage that greatly facilitates the mortising, a single hole bored with an auger to commence on, is sufficient, and a mortise for a tenon cut at a great saving of time and labor, in heavy timber for building
40 purposes.

I claim—

The new article of manufacture above described consisting of a chisel with a handle placed at right angles with the cutting part
45 for the purposes set forth.

C. J. HEISTAND.

Witnesses:

JACOB STAUFFER,
SAMUEL I. SHAY.