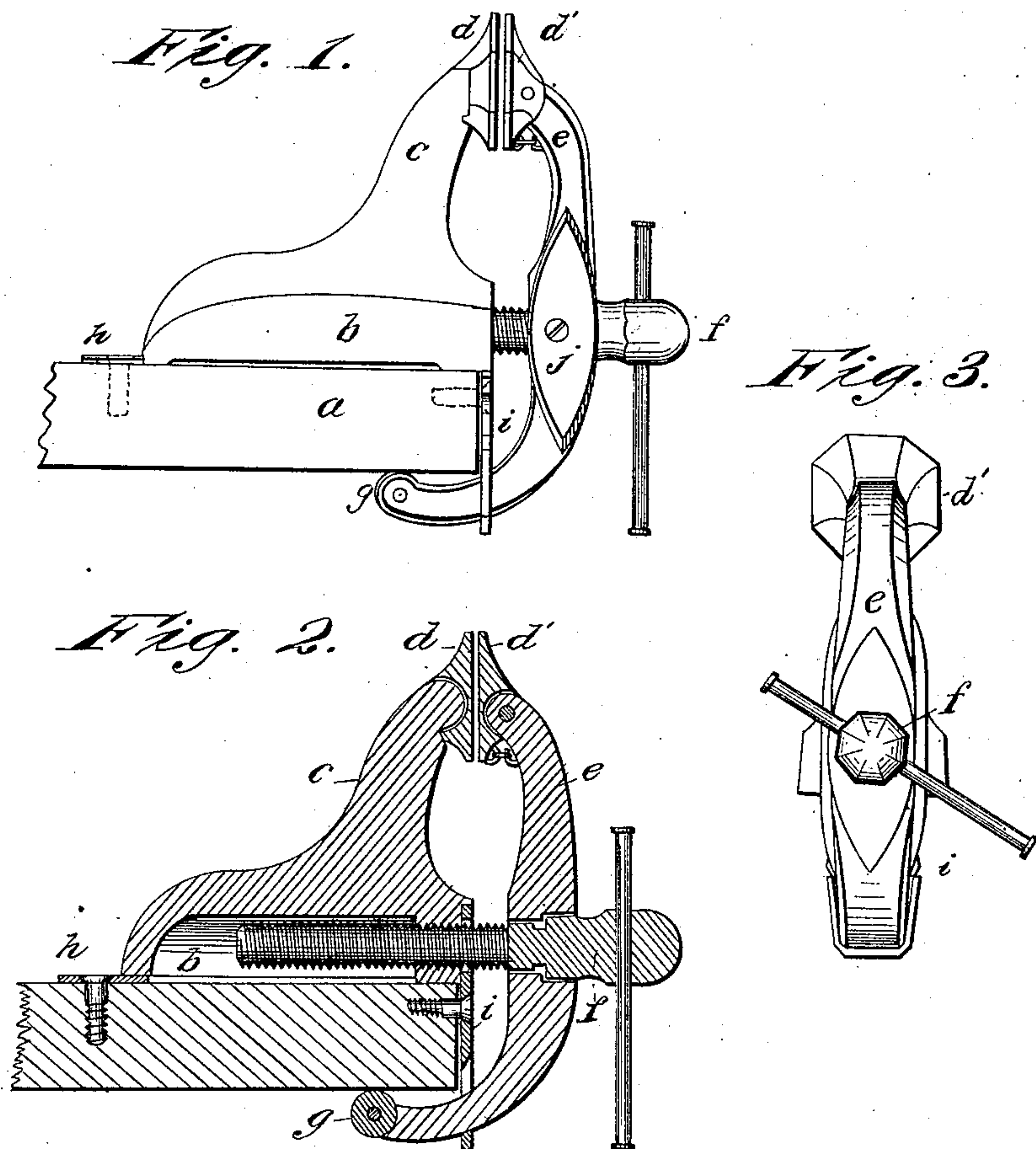


H. C. HUNT.

Vise.

No. 25,118.

Patented Aug. 16, 1859.



Witnesses.

Albert Baldwin  
Jas. S. Harlan

Inventor.

H. C. Hunt.

# UNITED STATES PATENT OFFICE.

H. C. HUNT, OF OTTUMWA, IOWA.

## WISE.

Specification of Letters Patent No. 25,118, dated August 16, 1859.

*To all whom it may concern:*

Be it known that I, H. C. HUNT, of Ottumwa, in the county of Wapello and State of Iowa, have invented an Improved  
5 Self-Retaining Bench-Vise; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, Figure 1, being a side  
10 view of said vise, Fig. 2 a section thereof, and Fig. 3 a front view of the same.

Similar letters indicate like parts in each of the drawings.

The body, or hollow base-portion, *b*, of  
15 my improved vise, which is intended to rest upon a table or bench, (*a*,) must have a sufficient width to give it a stable seat, and it must have such a length that it will receive into the cavity within the same, the  
20 shank of the screw *f*, which operates the movable jaw *d'*, of the vise.

The jaw *d*, of my improved vise is jointed to the neck *c*, which rises from the base-portion *b*, of said vise. The other jaw *d'*,  
25 of said vise is jointed to the curved jaw-piece *e*, whose lower end is of such a shape that it passes around underneath the table or bench upon which the vise is placed a  
30 sufficient distance to clamp the vise firmly upon said table during the time that anything is held between the jaws of the same. The said lower portion of the curved jaw-piece *e*, is also of such a shape that the action of the extremity of the same against the  
35 under surface of the table, or bench, will preserve the vertical position of the central portion of said jaw-piece.

An anti-friction roller (*g*) may be combined with the lower extremity of the jaw-  
40 piece *e*, in such a manner that the periphery

of said roller will bear against the under surface of the table—as shown in Fig. 2.

The lip *i*, which descends vertically from the front end of the body of the vise, serves the purpose of keeping the vise at the  
45 proper distance from the front edge of the table, or bench, which receives the same. An aperture in the lip *i*, receives the lower portion of the jaw-piece *e*, and guides the movements of the same. 50

By means of a perforated lip *h*, at the outer extremity of the body of the vise, and a small perforation in the lip *i*, a couple of screws may be employed to permanently secure the vise upon a table or bench—as  
55 shown in Fig. 2—whenever it may be desired to do so.

The head of the screw *f*, is secured within the aperture in the central portion of the jaw-piece *e*, by means of the screws *j*, whose  
60 point works in an annular groove in said screw-head. The screw *f*, works in a screw-aperture in the front end of the body of the vise, which aperture opens into the cavity within the said body that receives the shank  
65 of the screw—as shown in Fig. 2.

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

Constructing a vise in such a manner that it will self-retain itself upon a table or  
70 bench substantially in the manner herein set forth.

The above specification of my improved movable vise, signed and witnessed this sixth day of December 1858.

H. C. HUNT.

Witnesses:

J. BALDWIN,  
ALBERT BALDWIN.