

B. F. Bergh,

Vise.

No. 99626.

Patented Feb. 8. 1870.

Fig. 1.

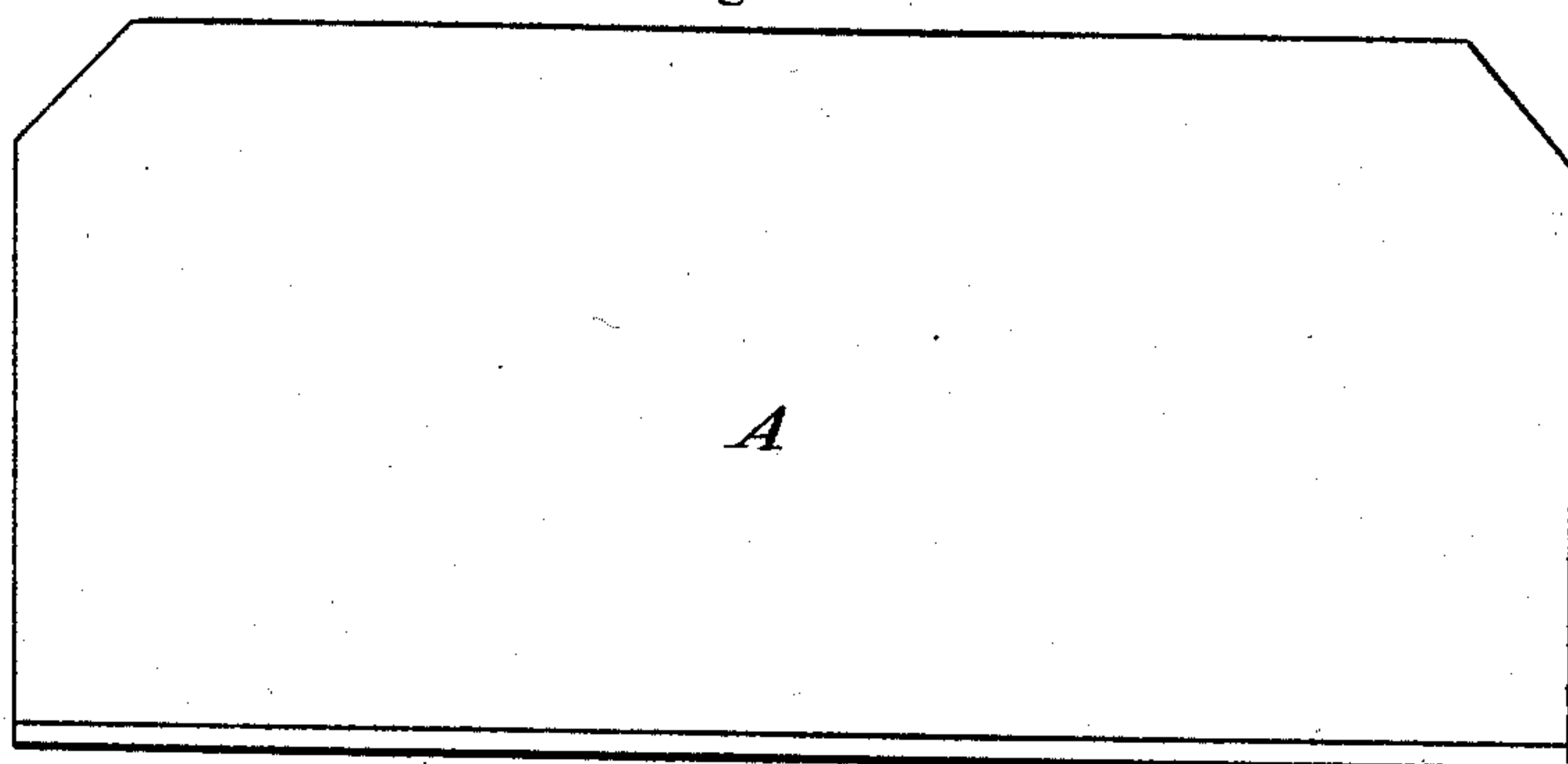


Fig. 2.

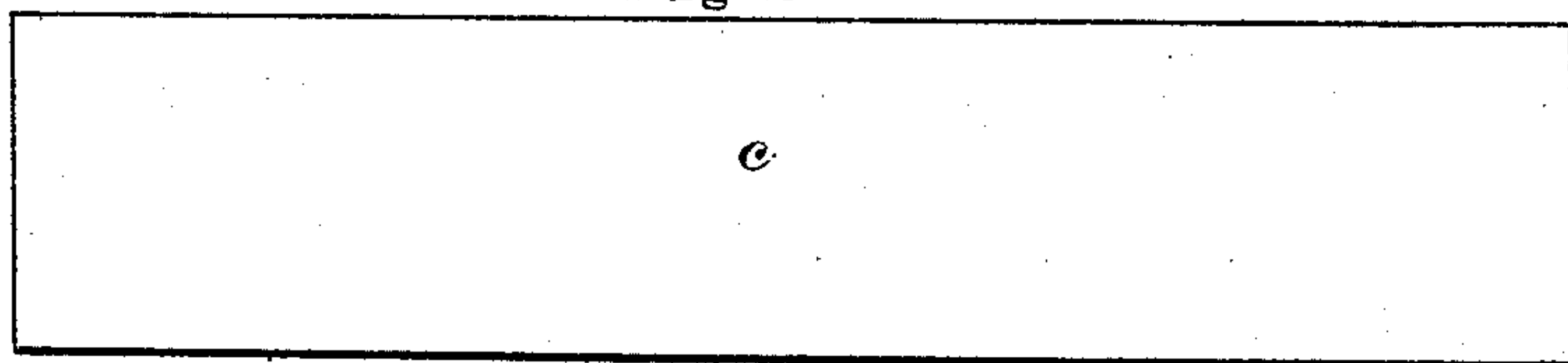
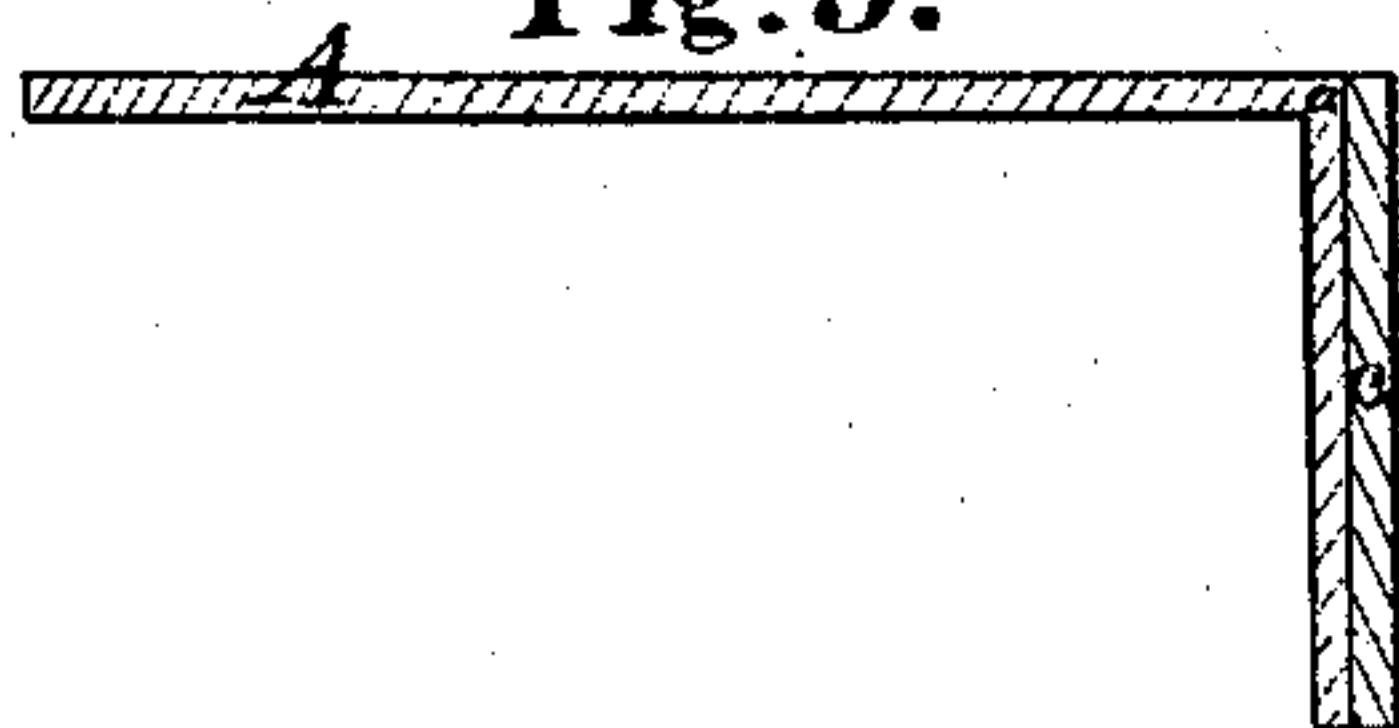


Fig. 3.



Witnesses

E. W. Anderson
L. D. Kane,

Inventor.

B. F. Bergh
Chipman & Co
Attorneys,

UNITED STATES PATENT OFFICE.

BROR FOLKE BERGH, OF BOSTON, MASSACHUSETTS.

IMPROVED VISE-CLAMP.

Specification forming part of Letters Patent No. 99,626, dated February 8, 1870.

To all whom it may concern:

Be it known that I, B. F. BERGH, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and valuable Improvement in Vise-Clamps; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a top view of my invention. Fig. 2 is a front view of the copper facing. Fig. 3 is a vertical section of my invention.

My invention relates to vises; and it consists, mainly, in the manner of facing the vise-clamps with copper, yellow brass, or some other pliable metal, thereby preserving in the clamp the soft facing and at the same time the strength and durability of an iron ground-plate.

The letter A of the drawings designates the ground-plate of the vise-clamp. This is made of strained iron, bent at the knee *a* to form a backing, to which is secured, by rivets or otherwise, the facing *c*, of copper, yellow brass, or other pliable metal.

I am aware that vise-clamps have been made of copper and brass; but where they are wholly formed of these soft metals they crack and become liable to break in the knee, besides bearing a much higher value than my improvement, in which iron and copper are employed at about the rate of three to one. Thus durability, strength, and cheapness are combined in a vise-clamp, whose soft-metal facing will permit of its use for the most delicate work.

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

The vise-clamp herein described, consisting of the strained-iron ground-plate A, having a facing, *c*, of copper, yellow brass, or other soft metal, constructed and arranged to operate as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

BROR FOLKE BERGH.

Witnesses:

P. IVENSON,
F. C. STROMBERG.