

E. B. HUNGERFORD.

Molds for Making Glass Blind-Slats.

No. 136,835.

Patented March 18, 1873.

FIG. 1.

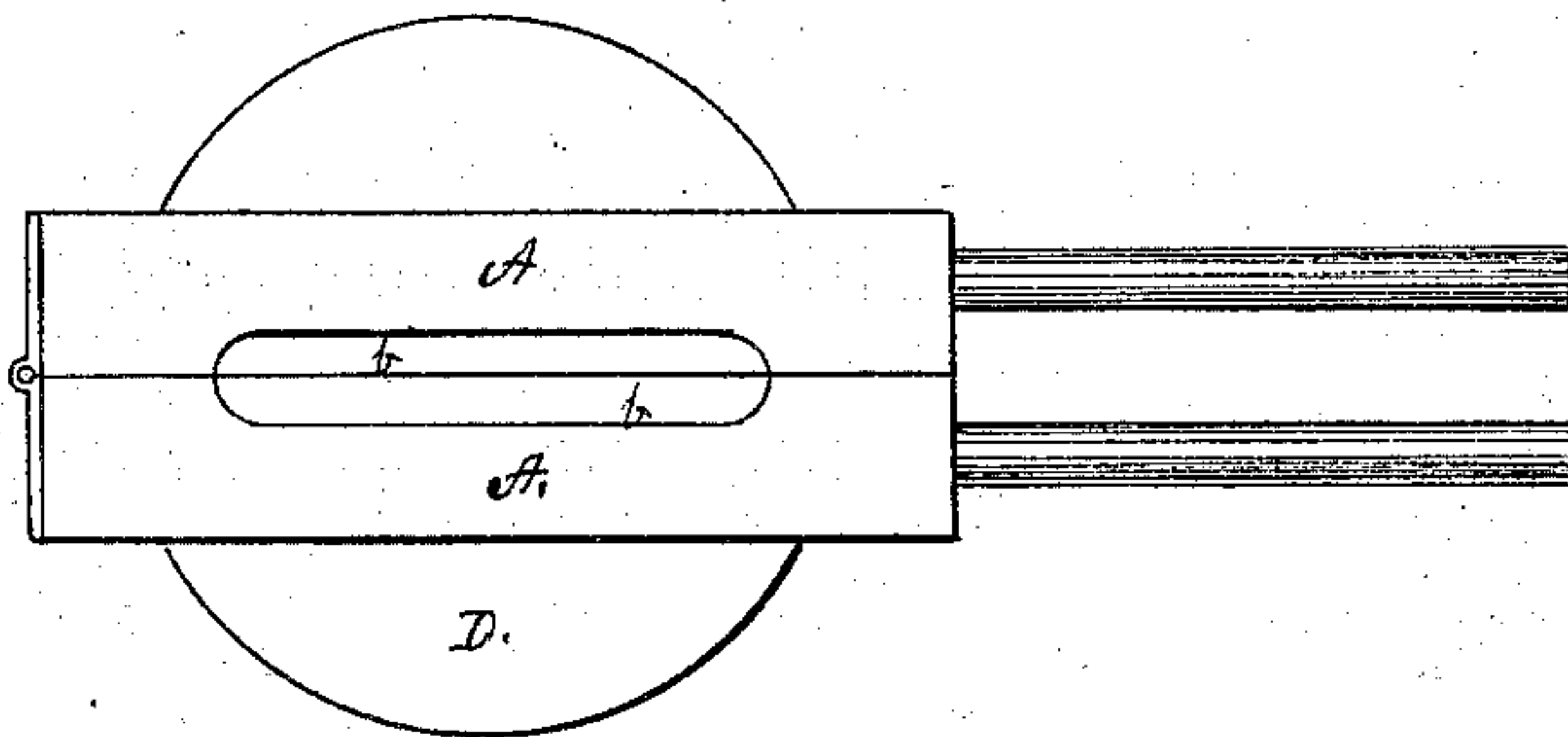


FIG. 2.

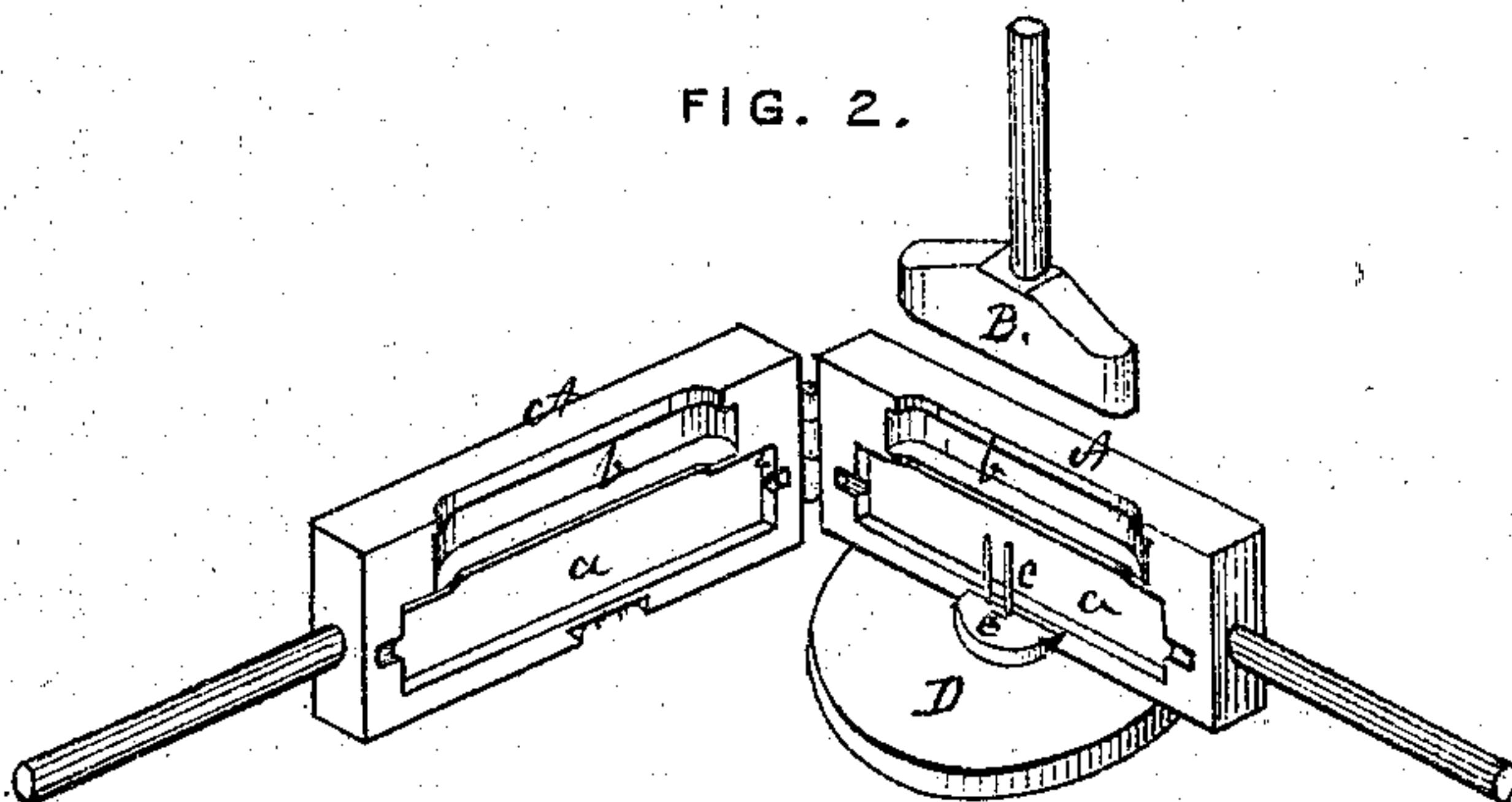
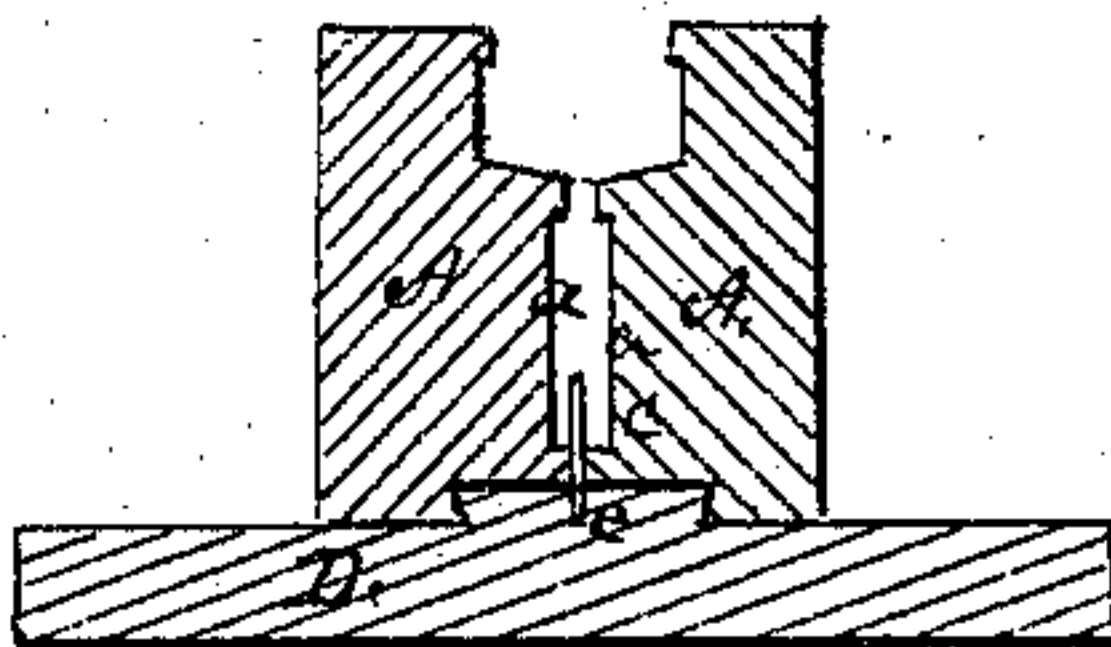


FIG. 3.



WITNESSES

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INVENTOR

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UNITED STATES PATENT OFFICE.

ELIAS B. HUNGERFORD, OF CORNING, NEW YORK.

IMPROVEMENT IN MOLDS FOR MAKING GLASS BLIND-SLATS.

Specification forming part of Letters Patent No. 136,835, dated March 18, 1873.

To all whom it may concern:

Be it known that I, ELIAS B. HUNGERFORD, of Corning, in the county of Steuben and State of New York, have invented certain new and useful Improvements in Molds Setting and the Application of Wire Staples in Glass Slats for Blinds and Shutters; and the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 represents a top view of a mold, in which glass blind-slats are formed by pressing the glass into them, closed. Fig. 2 is a perspective view of the mold open, showing the wire staple as set in the base to be secured to the slat; also the plunger to compress the glass slat firmly around it. Fig. 3 shows a cross-section of the mold and base with an edge view of the staple set in it.

The object and nature of my invention are an improvement on the glass blind-slats, for which Letters Patent were granted to me February 27, 1866; and it consists in the attaching wire staples firmly to the slat made of glass, and the arrangement of the mold to set and hold the staple in a firm position so that the glass will be pressed around it, and when removed from the mold is secured in the edge.

The mold A A is made of metal, and hinged

to open in the usual manner, having in each half the impress of the form of the slat *a a*, the same being provided with a recess, *b b*, above, in which is fitted a plunger, B, to force the plastic glass into the form *a a*, and compress it firmly around the wire staple *c*, which is set in a recess, *e*, made in the base-block D for the purpose, and held firmly in a vertical position by closing the two sides of the mold A A onto it. When the slat is removed from the mold, the staple is firmly set in each glass blind-slat, so that a series of them are connected by a rod, to operate the same as movable blind-slats made of wood.

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

1. In a mold for forming pressed-glass blind-slats, the base block D, provided with the recess *e* in the dovetail, for holding the wire staple *c*, all as and for the purpose set forth.

2. A window-blindslat constructed of glass, having inserted in it, in the act of pressing, a wire staple, substantially as set forth.

In testimony whereof I hereunto subscribe my name.

E. B. HUNGERFORD.

Witnesses:

GEO. HITCHCOCK,
NOBLE HILL.