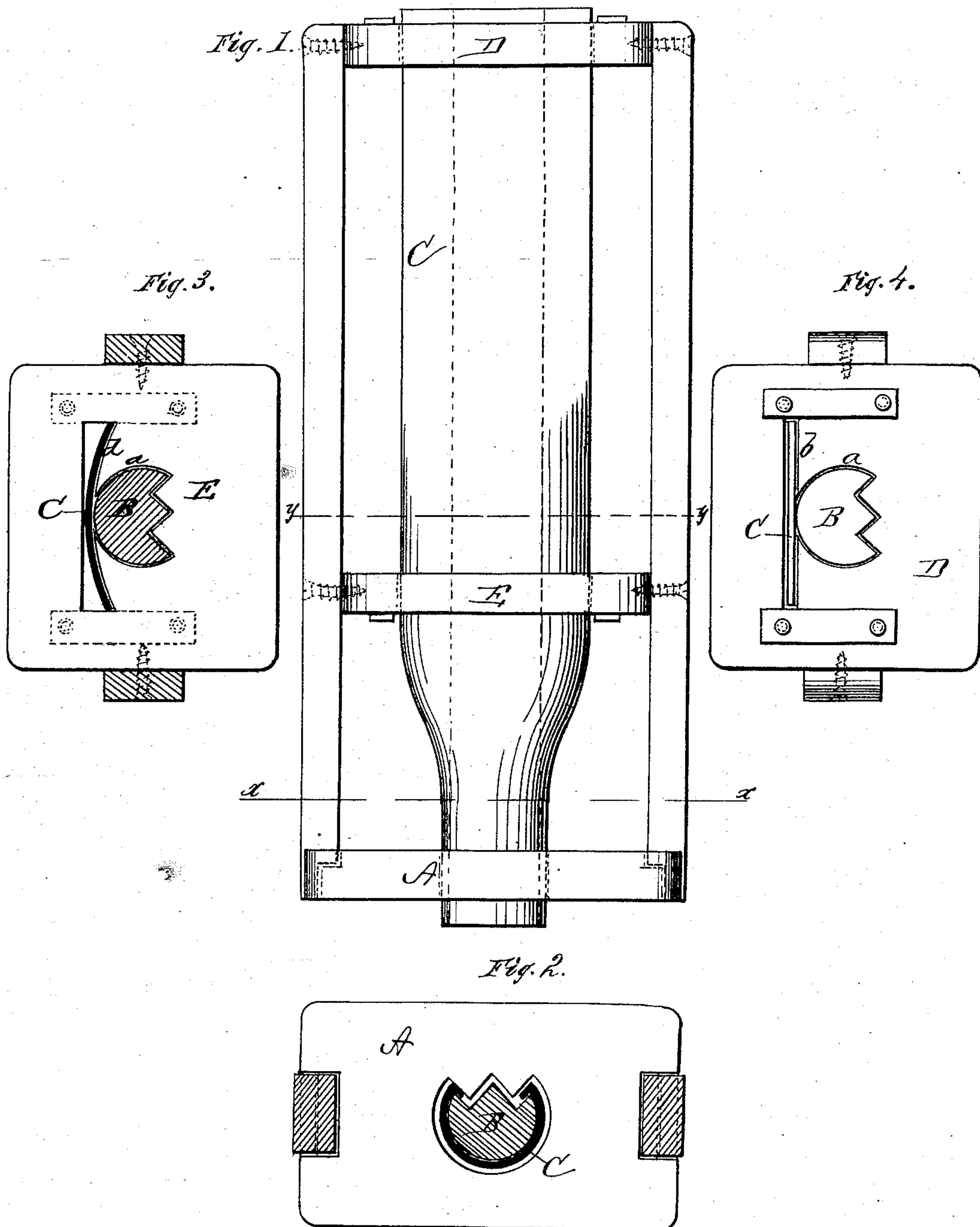


F. POLLARD.

Machines for Sheathing Moldings with Sheet-Metal.

No. 157,867.

Patented Dec. 15, 1874.



WITNESSES:

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# UNITED STATES PATENT OFFICE

FREDERICK POLLARD, OF CLEVELAND, OHIO.

## IMPROVEMENT IN MACHINES FOR SHEATHING MOLDINGS WITH SHEET METAL.

Specification forming part of Letters Patent No. **157,867**, dated December 15, 1874; application filed November 20, 1874.

*To all whom it may concern:*

Be it known that I, F. POLLARD, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Machines for Making Show-Case Moldings; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon, which form part of this specification.

My invention relates to machines for making moldings for show-cases; and it consists in the combination, with the die, of suitable guides for guiding the molding and metal into the die, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a side elevation of my invention. Fig. 2 is a section through the line *x x*, Fig. 1. Fig. 3 is a section through the line *y y*, Fig. 1; and Fig. 4 is an end view.

A represents the ordinary steel die, through which the wooden molding B and strip C of sheet metal are to be passed for forming said sheet-metal strip into the desired shape, and cover the molding B. D and E are two stationary guides, through which the molding and metal strip are passed before coming to the die A. The guide D has a central opening, *a*, of the same shape as the molding B, and a straight slot, *b*, for the passage of the strip C. The guide E has a similar central opening, *a*, and a curved slot, *d*, as shown in Fig. 3.

The guides D E are arranged at suitable

distances from the die A, the guide E being nearer to it than the guide D.

In machines for making show-case moldings, there is a draw-bench with the die fastened at one end, and at the other end is a drum, around which runs a chain with a pair of pinchers attached to take hold of the molding. The molding B and metal strip C are passed through the guides, and the end of the molding cut small enough to pass easily through the die far enough for the pinchers to take hold of it.

When the drum is started to pull the molding through the die, unless there is something to hold the metal straight it will feed to one side and spoil the molding. The guides D E keep the metal in proper place to cover the molding true.

Heretofore the metal has been guided by hand, and it is almost impossible to do this perfectly true.

Besides being able to guide the metal quite true by the use of these guides, the molding can be drawn through the die in less time than when guided by hand.

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

In a machine for making show-case moldings, the combination of the die A and the stationary guides D E, constructed and arranged to operate substantially as and for the purposes herein set forth.

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

FREDERICK POLLARD.

Witnesses:

P. L. BAUM,  
J. H. RUDELL.