

J. G. Holliday,

Molders' Flask.

No 57,903

Patented Sep. 11, 1866.

Fig: 1.

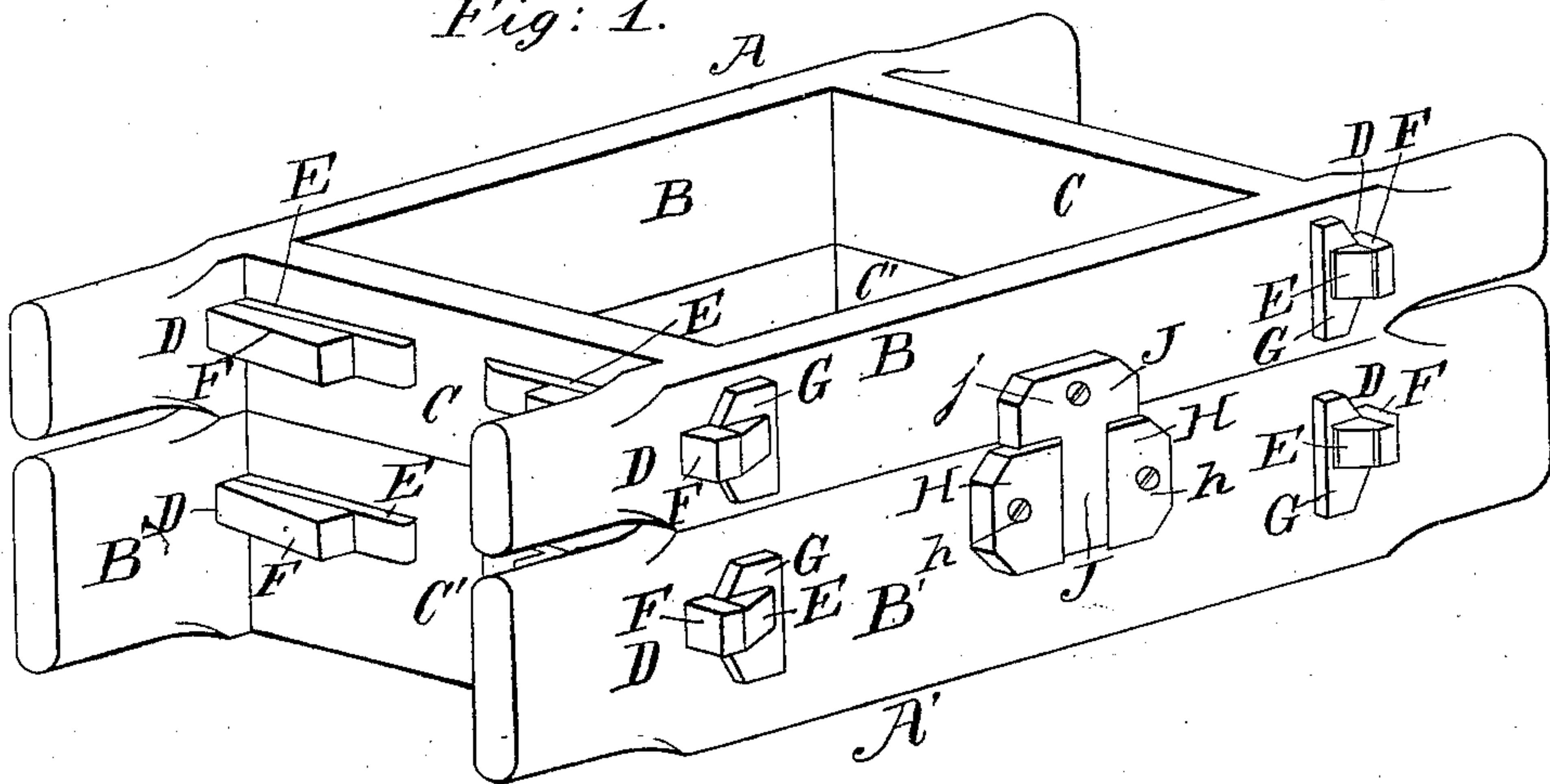


Fig: 2.

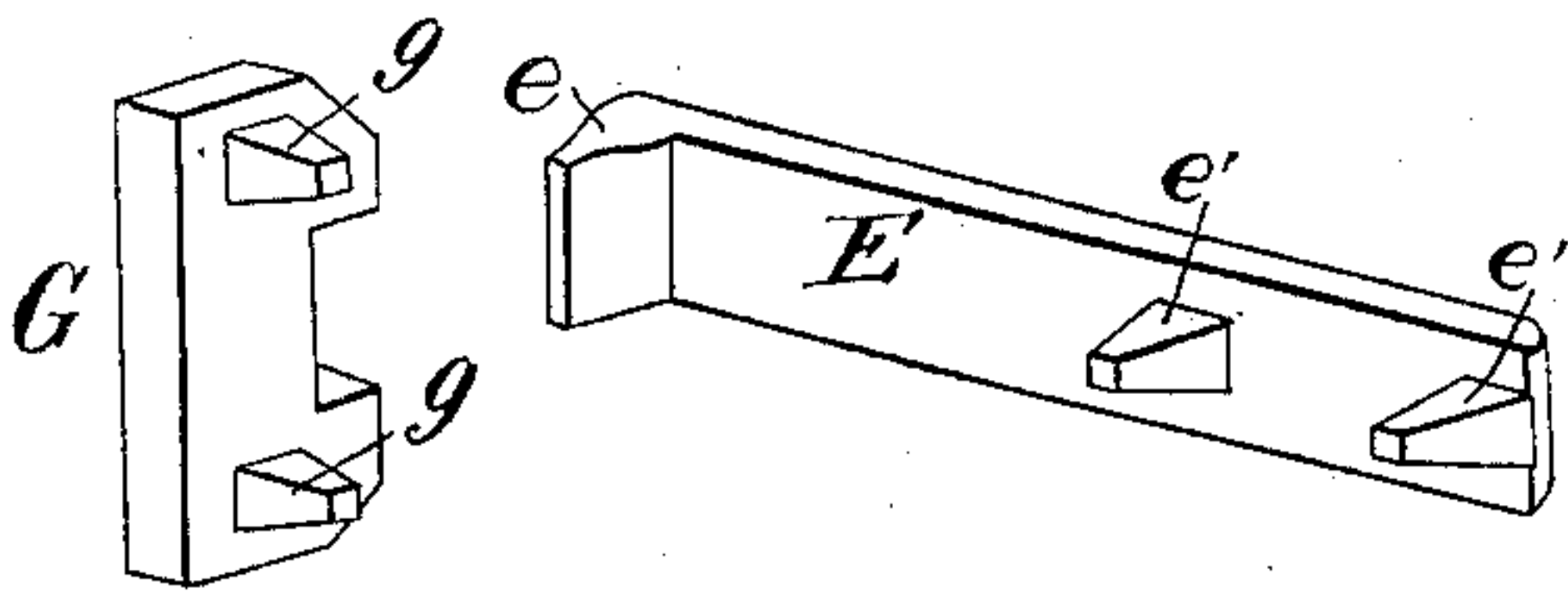
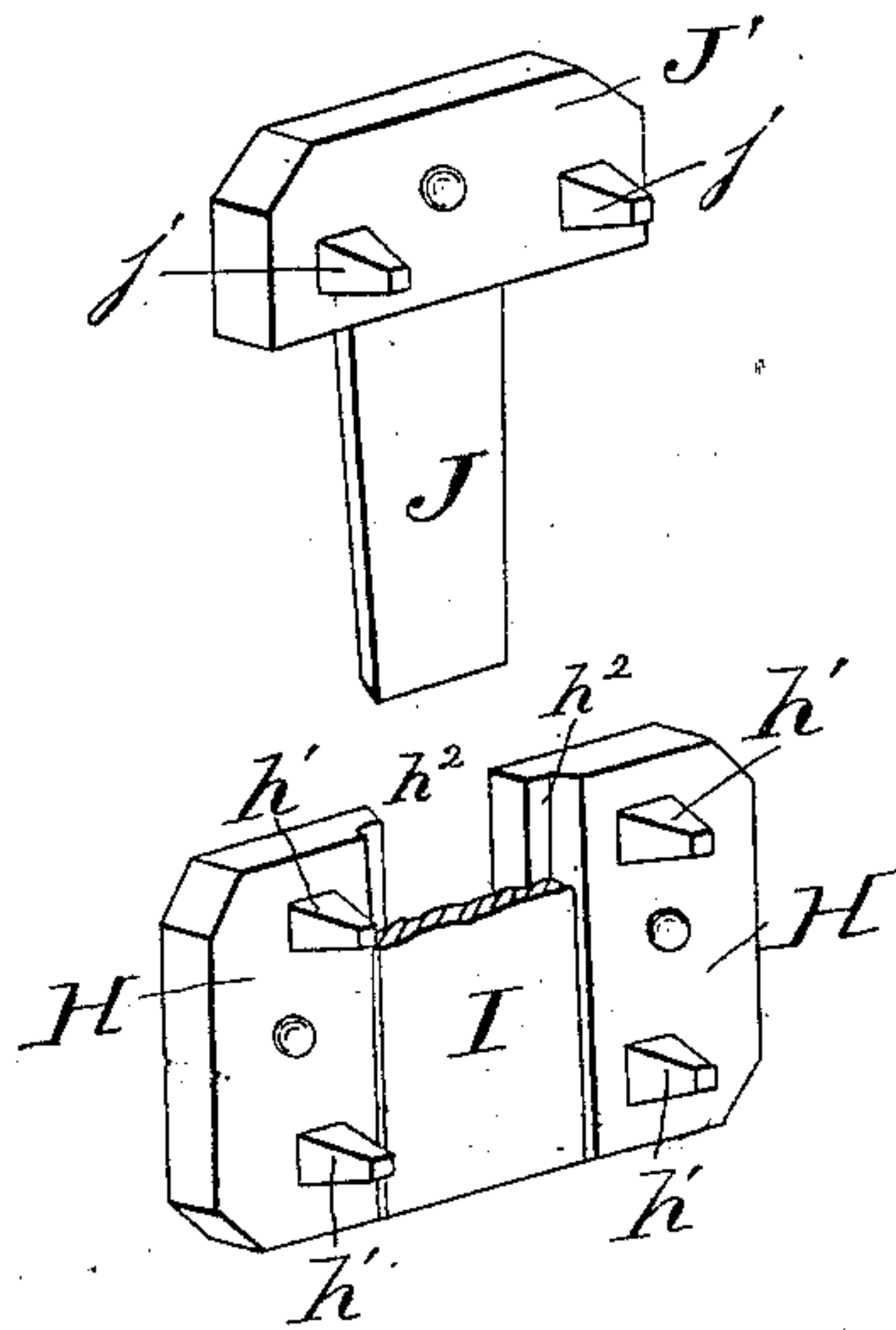


Fig: 3.



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UNITED STATES PATENT OFFICE.

JAMES G. HOLLIDAY, OF WHEELING, WEST VIRGINIA.

IMPROVED MOLDER'S FLASK.

Specification forming part of Letters Patent No. 57,903, dated September 11, 1866.

To all whom it may concern:

BE it known that I, JAMES G. HOLLIDAY, of Wheeling, in the county of Ohio, State of West Virginia, have invented a new and useful Improvement in Molders' Flasks; and I do hereby declare the following to be a full, clear, and exact description of the nature, construction, and operation of the same, reference being had to the accompanying drawings, which are made part of this specification, and in which—

Figure 1 is a perspective view of a molder's flask illustrating my invention. Figs. 2 and 3 are detailed views of the devices, whereby the several parts of the flask are permanently joined together and its two halves temporarily connected.

Similar letters of reference indicate corresponding parts of the different figures.

This invention relates to an improvement in the ordinary molder's flask, which is made of two rectangular open frames, which are adapted to be connected and separated from each other at will.

The improvement consists in the means for permanently joining together the parts of which each frame is composed, and for temporarily connecting the two frames which constitute the flask proper.

In order that others skilled in the art to which my invention appertains may be enabled to fully understand and use the same, I will proceed to describe it in connection with the accompanying drawings.

A A' may represent the two rectangular frames of which the flask is composed. The longitudinal pieces B B and B' B' of each of these frames is formed with suitable grooves to receive the ends of the transverse pieces C C C' O', and in each longitudinal piece is made the apertures D D, through each of which is passed a metallic hook, E. These hooks are forced snugly against the outer surface of transverse piece of each frame by the keys or wedges F, and the bent part, *e*, of each hook bears against or engages with the outer face of each longitudinal part of the respective frames.

The hooks E are formed with projections or studs *e'*, which enter suitable apertures in the transverse pieces of the frames, and are retained therein by the keys F.

Between the bent part, *e*, of each hook and the outer surface of the longitudinal part of

the frame is interposed a plate or washer, G, suitably recessed to accommodate the end of the hook E, and formed with studs or projections *g*, which enter corresponding apertures in the frame and hold the plate in position thereupon.

The above-described devices constitute permanent, secure, durable, and cheap means for connecting together the parts which compose each of the frames A and A', and the novelty of this feature consists in the construction of the hooks and plates or washers with the studs or projections *e* and *g*, which, with the assistance of the keys or wedges, serve to secure the parts firmly in their proper relative positions.

To each side of the frame A' are applied plates H H, which are secured in proper position by the screws *h* and studs *h'*. The contiguous edges of the plates H H are grooved to adapt the plate I to be clamped between them in the manner represented in Fig. 3. The edges of the plates H are also beveled so as to form a dovetail groove, *h*², the base of which is formed by the plate I.

To each side of the frame A, and in a position corresponding with that of the plates H H, is applied a beveled tongue, J, formed in one piece with a head, J', which is secured to the frame by the screw *j* and the projections or studs *j'*.

By inserting the tongue J in the grooves *h*² the two frames, A A', may be temporarily connected and disconnected when the flask is in use.

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

1. The combination, with the frames A A', of the metallic hooks E *e*, when formed with the studs or projections *e'*, and employed in connection with the keys F, and plates G, to connect together the several parts of said frames, substantially as described.

2. Coupling or connecting together the two parts of the flask by means of the plates H H and I, and tongue J, when said plates H H and tongue J' are provided with the studs or projections *h' j'*, and arranged to operate as described.

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Witnesses:

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