

A. H. BAGGS.
Manufacture of Glassware.

No. 145,144.

Patented Dec. 2, 1873.

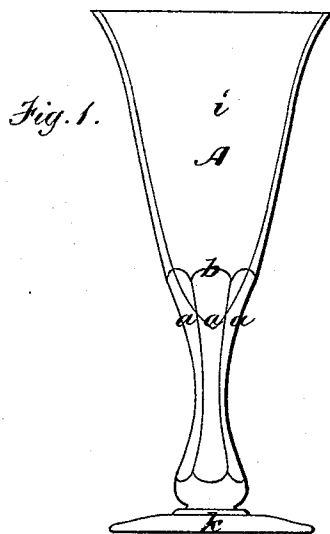
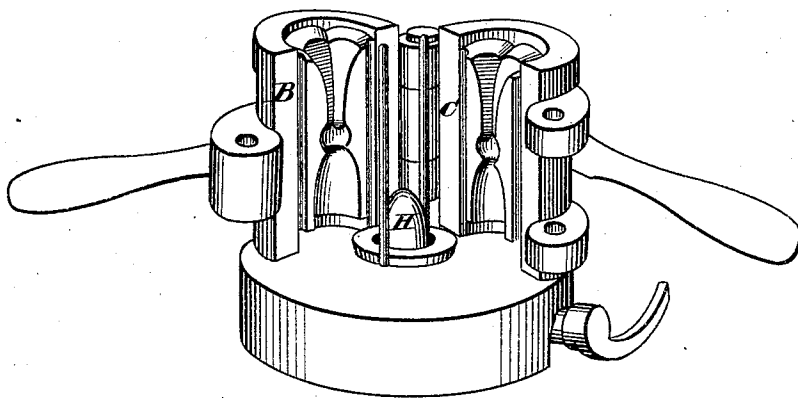


Fig. 2.



WITNESSES

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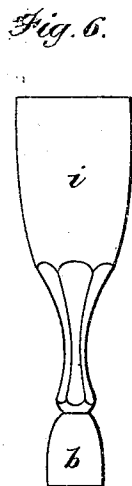
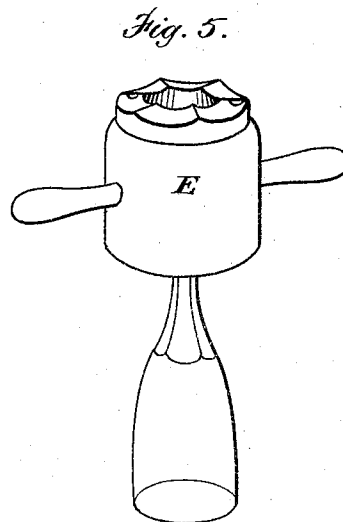
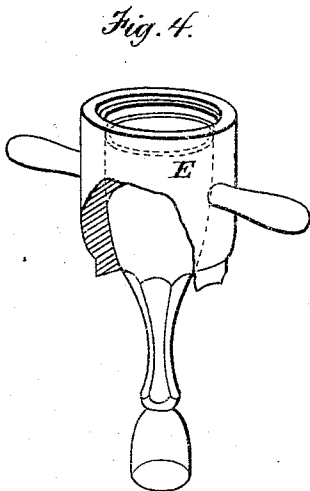
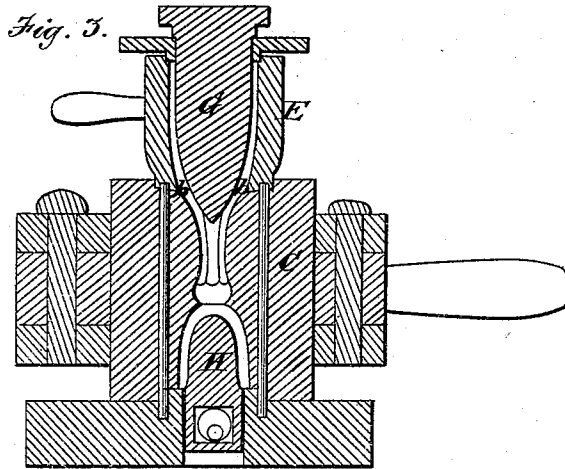
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UNITED STATES PATENT OFFICE.

ANDREW H. BAGGS, OF BRIDGEPORT, OHIO, ASSIGNOR TO LA BELLE GLASS COMPANY, OF SAME PLACE.

IMPROVEMENT IN THE MANUFACTURE OF GLASSWARE.

Specification forming part of Letters Patent No. 145,144, dated December 2, 1873; application filed October 13, 1873.

To all whom it may concern:

Be it known that I, ANDREW H. BAGGS, of Bridgeport, in the county of Belmont and State of Ohio, have invented a new and useful Improvement in the Manufacture of Fluted-Stemmed Glassware; and I do hereby declare the following to be a full and exact description of the same, reference being had to the accompanying drawings forming part of this specification, in which—

Figure 1 is an elevation of a complete goblet made with my improvement and illustrating my invention as applied to a goblet. Fig. 2 is a perspective view of the mold with the parts separated. Fig. 3 is a vertical section of the same, showing the parts in position. Fig. 4 exhibits the first movement in detaching the goblet from the mold. Fig. 5 exhibits the second movement of the same; and Fig. 6 represents the goblet as it appears when liberated from the mold.

Similar letters of reference in the accompanying drawing denote the same parts.

My invention relates to the manufacture of fluted-stemmed glassware; and its object is to produce, by molding, an imitation of hand-made or blown glass stem, finished by cutting upon a stone; and it consists in the formation of the goblet, or other article of glassware, with a scalloped fluting around the base of the bowl at its junction with the stem, whereby the appearance of the mold-mark is entirely concealed. Heretofore a goblet, when provided with a fluted stem, has either exhibited a mold-mark at the junction of the body and stem molds, or the same has been finished by grinding and polishing. The former is objectionable in appearance, and the latter is costly in production. I have, therefore, devised the herein-described improvement, whereby the said mold-mark is entirely concealed, and the economy of the molded stem is combined with the beauty of the cut stem.

That others may fully understand my improvement, I will particularly describe it, and the method by which I produce it.

In the several figures, A represents a goblet, which I have selected to illustrate my improvement, although my invention may obviously be applied to other articles of glassware which have fluted stems. The fluting *a* of the stem terminates at their tops with an annular scalloped edge, *b*, coincident with the mold-joint, which is thereby entirely concealed, and therefore no grinding or polishing is required in the finishing of the goblet.

The mold wherein the goblet is formed is represented in Figs. 2 and 3. The stem and foot of the goblet are formed within a mold, the two sections B C of which are hinged at their back so as to open horizontally, and the body of the goblet is formed in the mold E, which joins the mold B C with a scalloped joint along the line *b*. The cavities in the body *i* and foot *b* are formed by plungers G H, operated by suitable mechanism.

In Fig. 3 is represented the parts of the mold in position and the goblet ready for removal, the parts B C being unkeyed and opened, as shown in Fig. 2. The goblet is lifted out by the mold part E, as shown in Fig. 4, and the same being reversed the mold E may be lifted off the goblet, as shown in Fig. 5. The foot *k* is spread out, and the rim of the body *i* is finished at subsequent heatings and by methods common in the art.

I claim as my invention—

1. A mold for making fluted-stemmed glassware, having the junctions of the stem part of the mold with the body part of the mold formed in a scalloped or waving line, substantially as set forth, whereby the annular mold-mark is concealed.

2. A fluted-stemmed article of glass with a molded stem, and a scalloped annular joint at *b*, as a new article of manufacture.

ANDREW H. BAGGS.

Witnesses:

MELVILLE CHURCH,
WM. READ.