

(No Model.)

J. J. WEST.

CONSTRUCTION OF VASES HAVING A BODY MADE OF PLASTIC MATERIAL.

No. 311,092.

Patented Jan. 20, 1885.

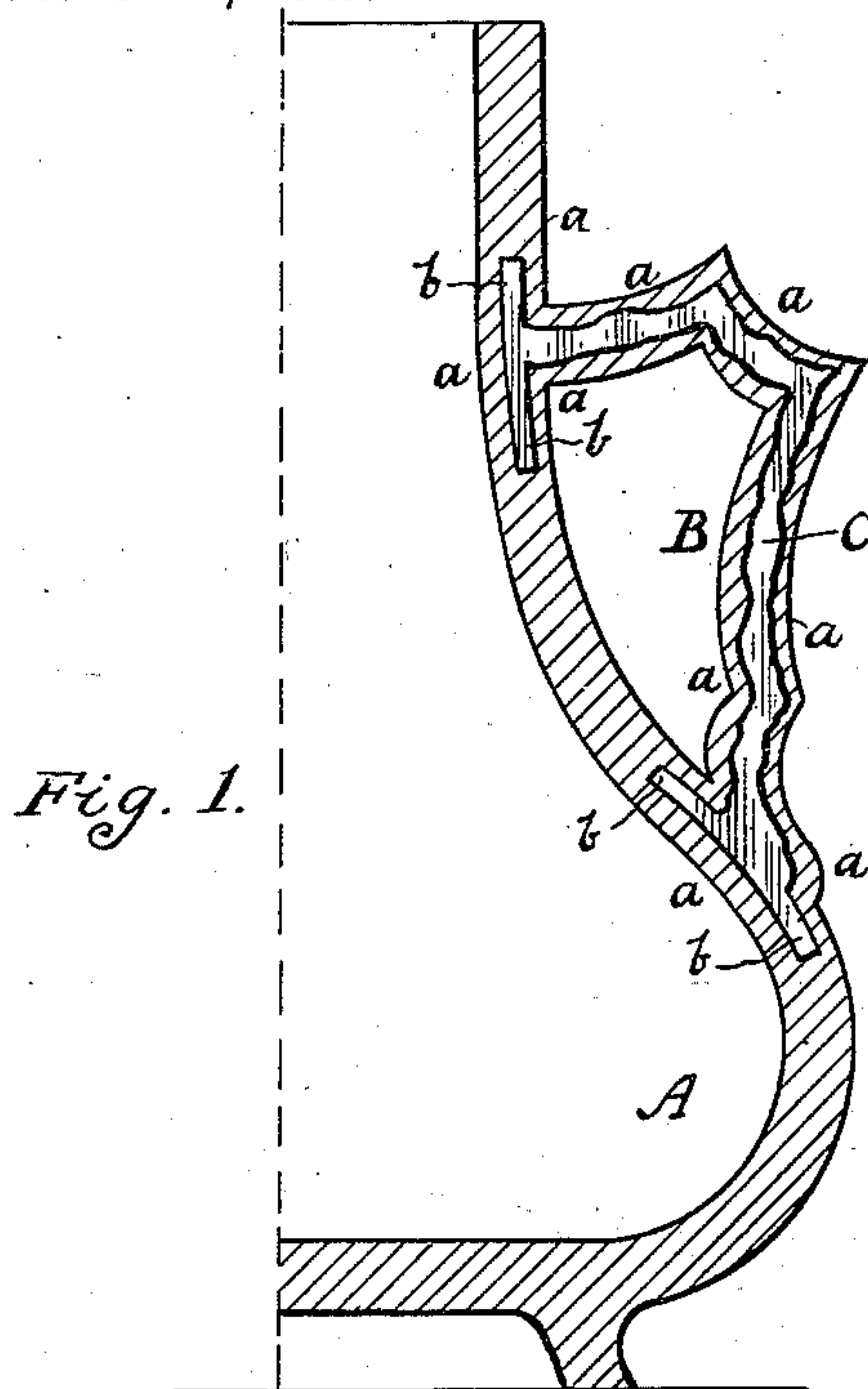


Fig. 1.

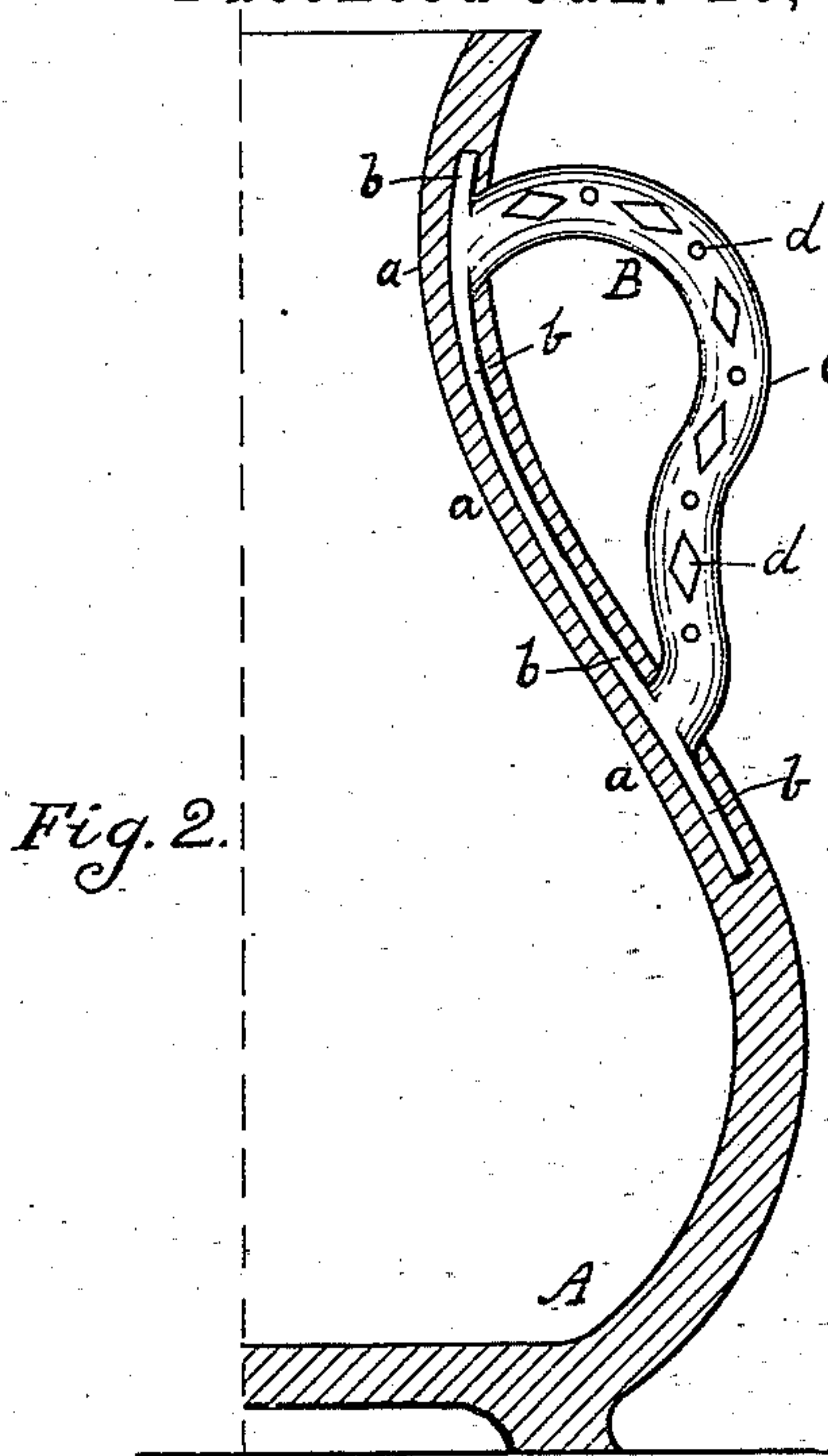


Fig. 2.

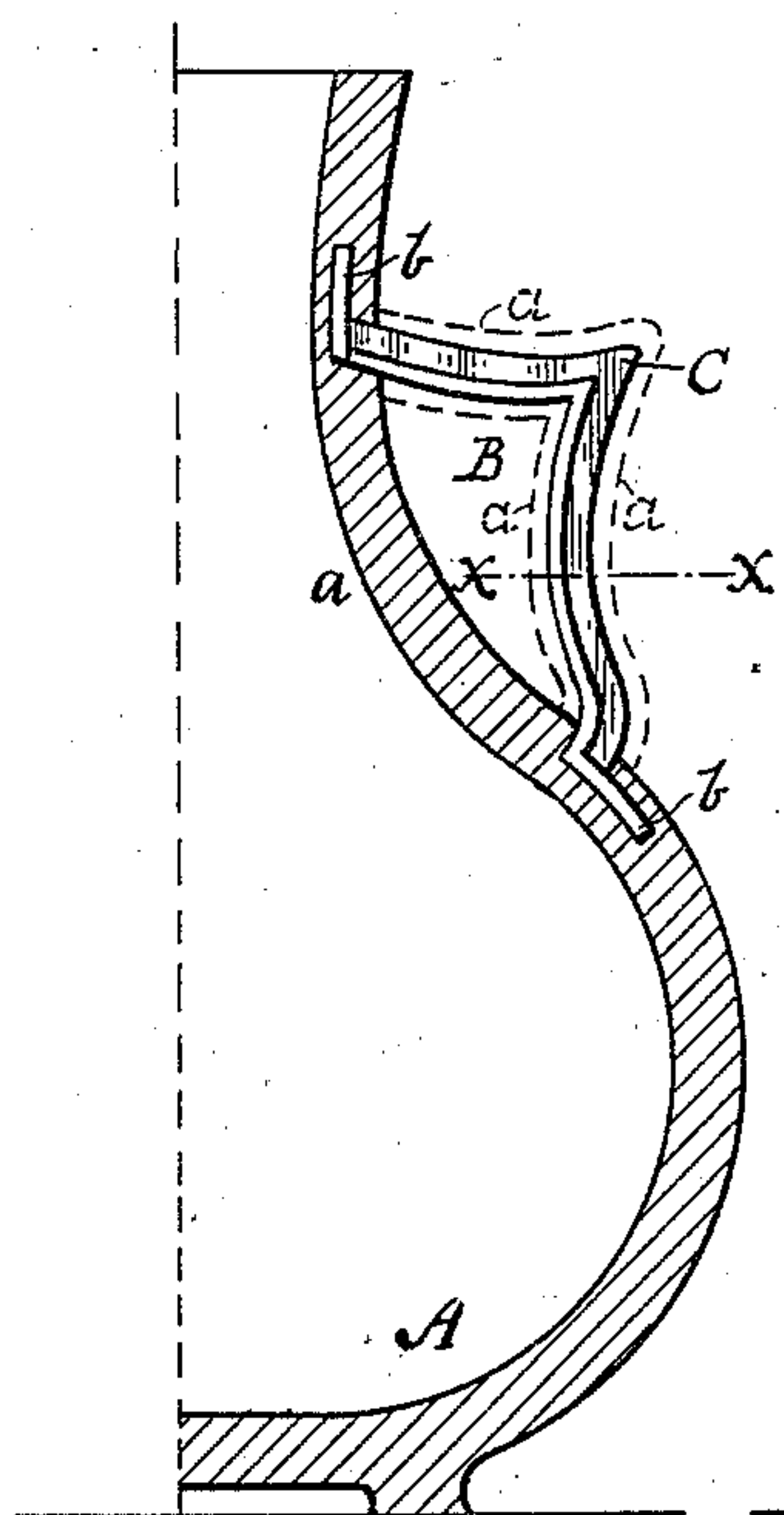


Fig. 3.

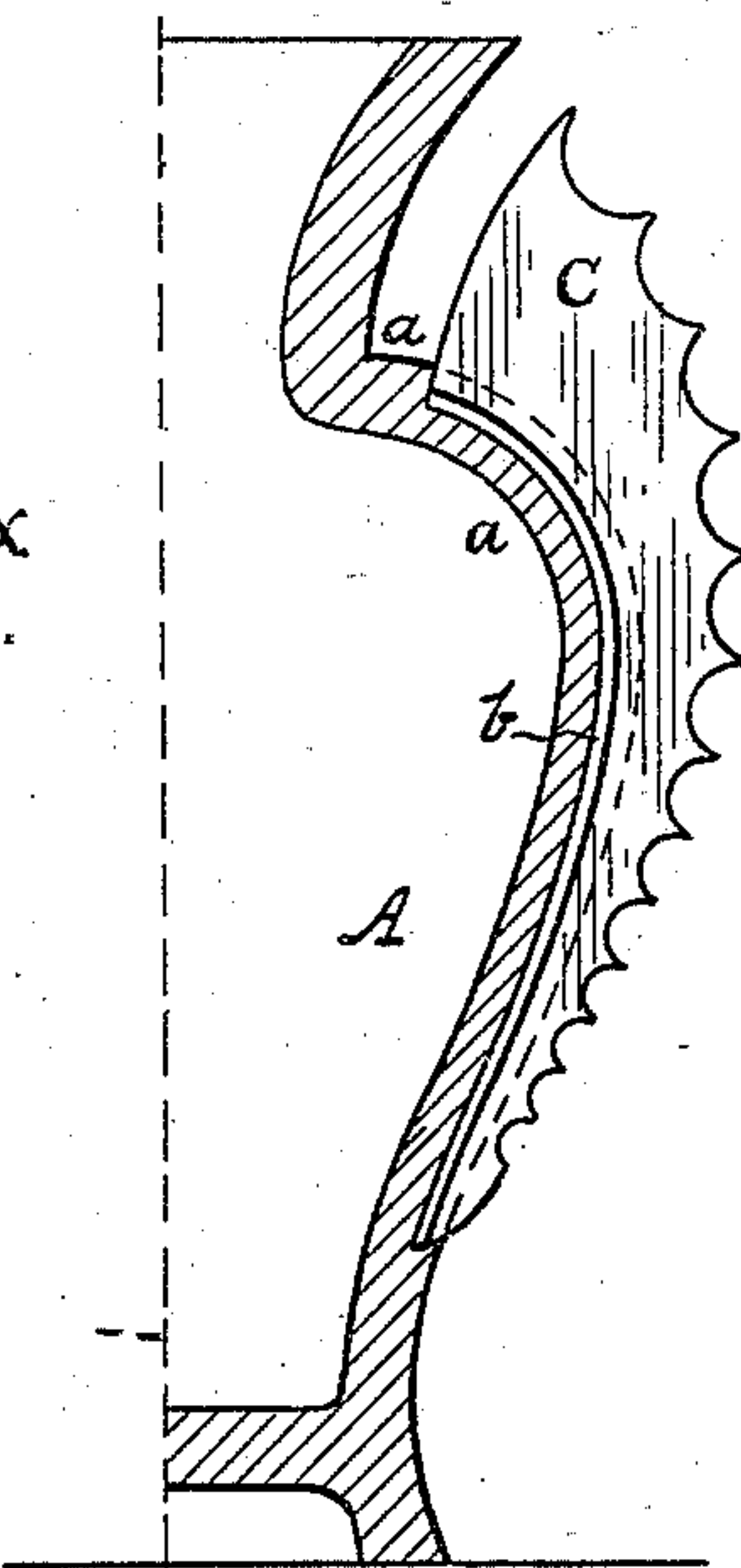


Fig. 4.

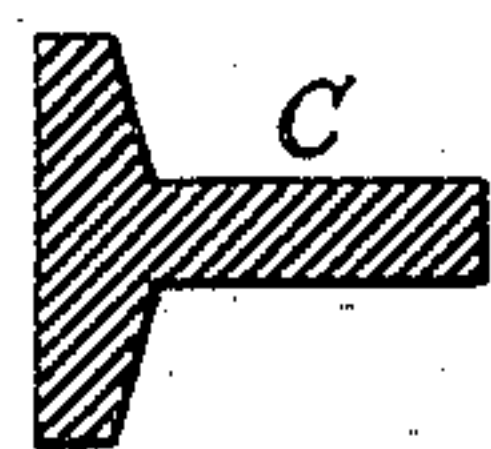


Fig. 5.



Fig. 6.

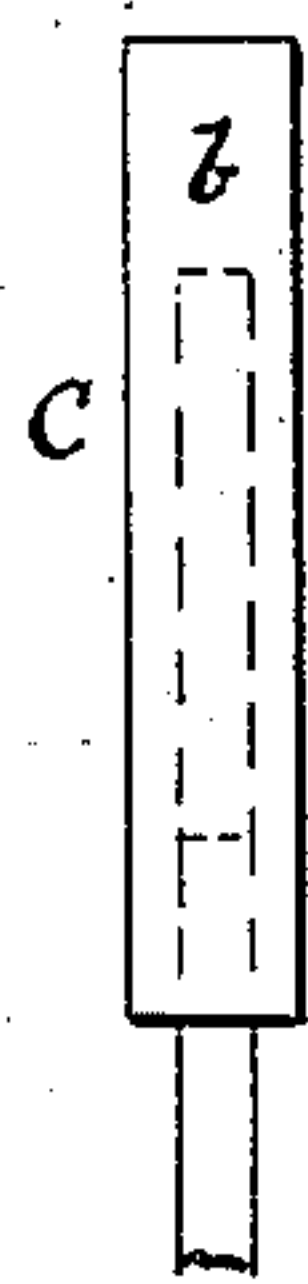


Fig. 7.

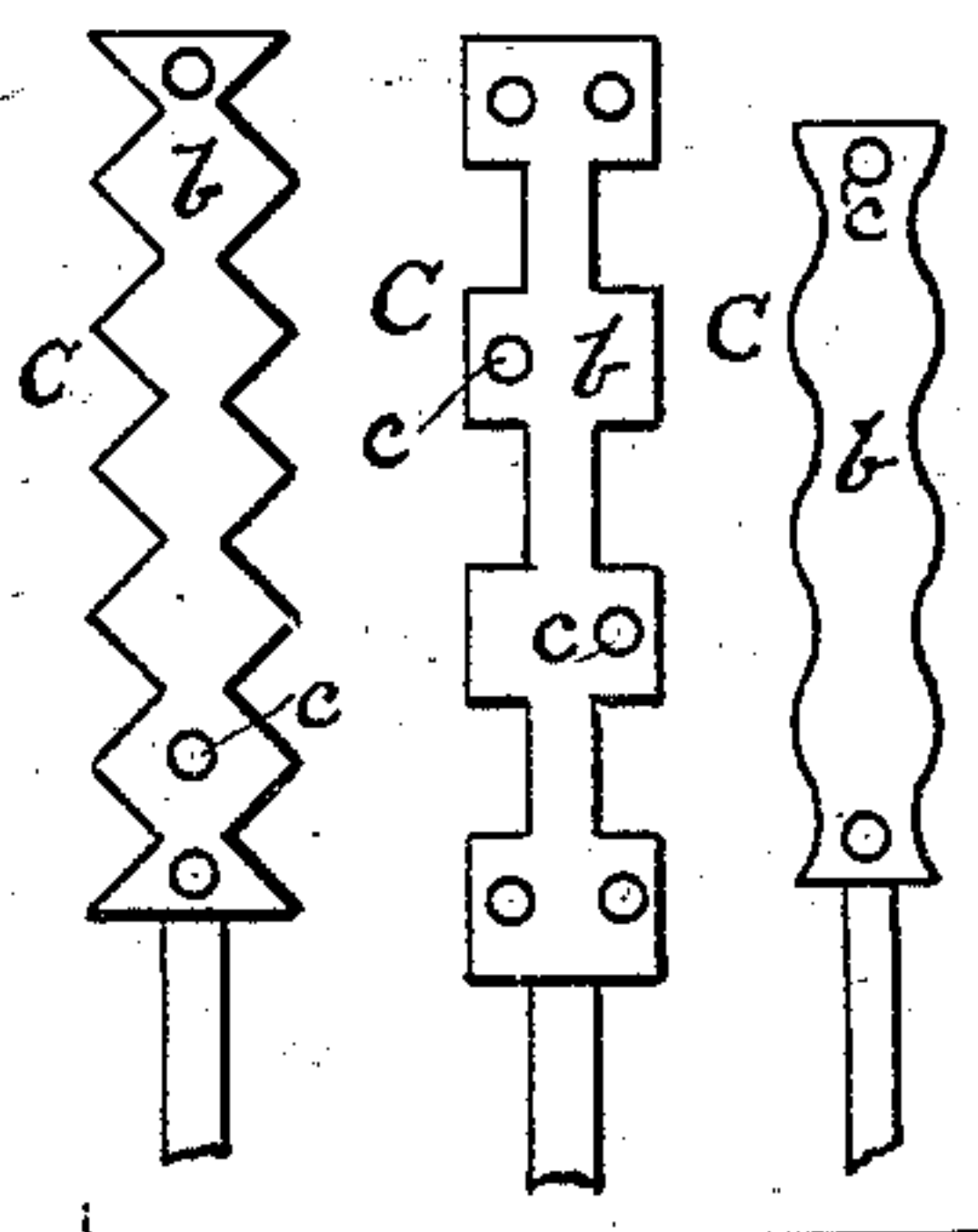


Fig. 8.

Witnesses:
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UNITED STATES PATENT OFFICE.

JOHN J. WEST, OF CHICAGO, ILLINOIS.

CONSTRUCTION OF VASES HAVING A BODY MADE OF PLASTIC MATERIAL.

SPECIFICATION forming part of Letters Patent No. 311,092, dated January 20, 1885.

Application filed October 6, 1884. (No model.)

To all whom it may concern:

Be it known that I, JOHN J. WEST, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in the Construction of Vases Having a Body Made of Plastic Material, of which the following, in connection with the accompanying drawings, is a specification.

10 In the drawings, Figure 1 is a vertical central section of a part of my improved vase. Figs. 2, 3, and 4 are like representations showing modifications in the form of the attachments. Fig. 5 is a sectional detail in the plane of the line *xx* of Fig. 3. Fig. 6 is a like representation showing a modification of form. Fig. 7 is a detail, the same being a face or bottom view of a foot of the attachment; and in Fig. 8 I have shown like views representing modifications in form.

20 Like letters of reference indicate like parts.

Heretofore the handles and many of the ornamental attachments or appendages of vases made of plaster or plastic material have contained a wire or rod entering the body of the vase, and made of soft or pliable metal, so that it could with facility be bent to approximate the form of the handle or ornament in which it should be embedded. The purpose of such a wire or rod was to give strength to comparatively slender and exposed parts or portions of the vases, especially to such parts as served as handles, and also to aid in securing or anchoring such parts to the main part or body of the vases.

35 One of the disadvantages arising from the employment of pliable wire for the purposes referred to, especially in handles, is that the comparatively thin shell or layer of plaster or plastic material covering the wire would be liable to become cracked, chipped, or broken, owing to the pliability of the wire, and for the same reason the handle or ornamental appendage containing such a wire would become loose, and the body or main part of the vase where entered by the rod would also be injured. The wire, also, by being comparatively slender, would not be well anchored in the vase.

50 The purpose of my invention is to obviate or prevent the disadvantages arising from the

causes mentioned, and to that end I make the handles and such of the ornamental appendages as are exposed to the danger referred to of cast metal, so formed that they may be securely and firmly attached to or anchored in the body of the vase, as will hereinafter be more fully set forth.

A represents the body of a vase, and B is one of the handles. C is a cast-metal structure which, as represented in Fig. 1, approximates the handle in form, and is wholly embedded in plastic material *a a*.

As represented in Fig. 2, the handle, excepting at its ends, which are embedded in the body of the vase, is bare or uncovered, and the exposed part thereof is of the configuration or design which the handle is to have or exhibit when applied to the vase.

70 In Fig. 3 I have shown a different form of handle, which either may or may not be covered with plastic material, and in Fig. 4 C represents an ornamental appendage or attachment having the chief or characteristic features of my invention. These chief or characteristic features, whether relating to the handles or to mere ornamental appendages, are, first, the making of the said parts of cast metal, and, second, in casting them in such form as to produce thereon one or more feet or flanges, *b b*, in order that the handles or appendages may be securely embedded or anchored in the body of the vase made of plastic material, and to which the handles or appendages are to be applied. By making the handles or appendages of cast metal, I secure the advantages of rigidity not found in the used pliable wire, and can obtain a greater amount of ornamentation, combined with lightness of appearance and the necessary strength, than has been done by the method heretofore pursued. These feet *b b* may be variously formed. For example, they may either be plain or rectilineal, as shown in Fig. 7, or notched or waving, as shown in Fig. 8, and, if deemed best, they may have small holes *c c* therein, in order that the plastic material on one side thereof may be connected to that on the other by necks of plaster; but neither mere configuration nor such holes are absolutely essential features of my invention.

The feet or flanges *b b* should by prefer-

ence conform to the configuration of those parts of the vase to which they are to be applied or in which they are to be set or embedded. The serrated or waving edges of the feet tend to anchor them more firmly in the plastic mass than if they were straight or plain. These handles or appendages may also be cast with openings *d d* therein, to present an ornamental appearance, as indicated in Fig. 2.

To apply these handles or ornamental appendages, I either cast or make sockets in the vases at the places where the feet or flanges *b* are to be located, and then place the said feet or flanges in the said sockets, which I afterward fill with plastic material in such a manner as to cover and embed the said feet; or I set the said handles or appendages into the gelatine mold in such a manner that the plaster may be poured in around the feet or flanges. The remaining portion of the handles or appendages may either be covered with plastic material or left bare, as hereinbefore stated.

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

1. A vase having a body made of plaster or plastic material, and provided with a cast-metal handle or appendage having thereon one or more feet or flanges embedded in the said body, for the purposes set forth.

2. A vase having a body made of plaster or plastic material, and provided with a cast-metal handle or appendage having thereon one or more feet or flanges conforming to the said body and embedded therein, for the purposes set forth.

3. A vase having a body made of plaster or plastic material, and provided with a cast-metal handle or appendage having thereon one or more feet or flanges serrated at their edges and embedded in the said body, for the purposes set forth.

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

JOHN J. WEST.

Witnesses:

F. F. WARNER,
J. B. HALPENNY.