

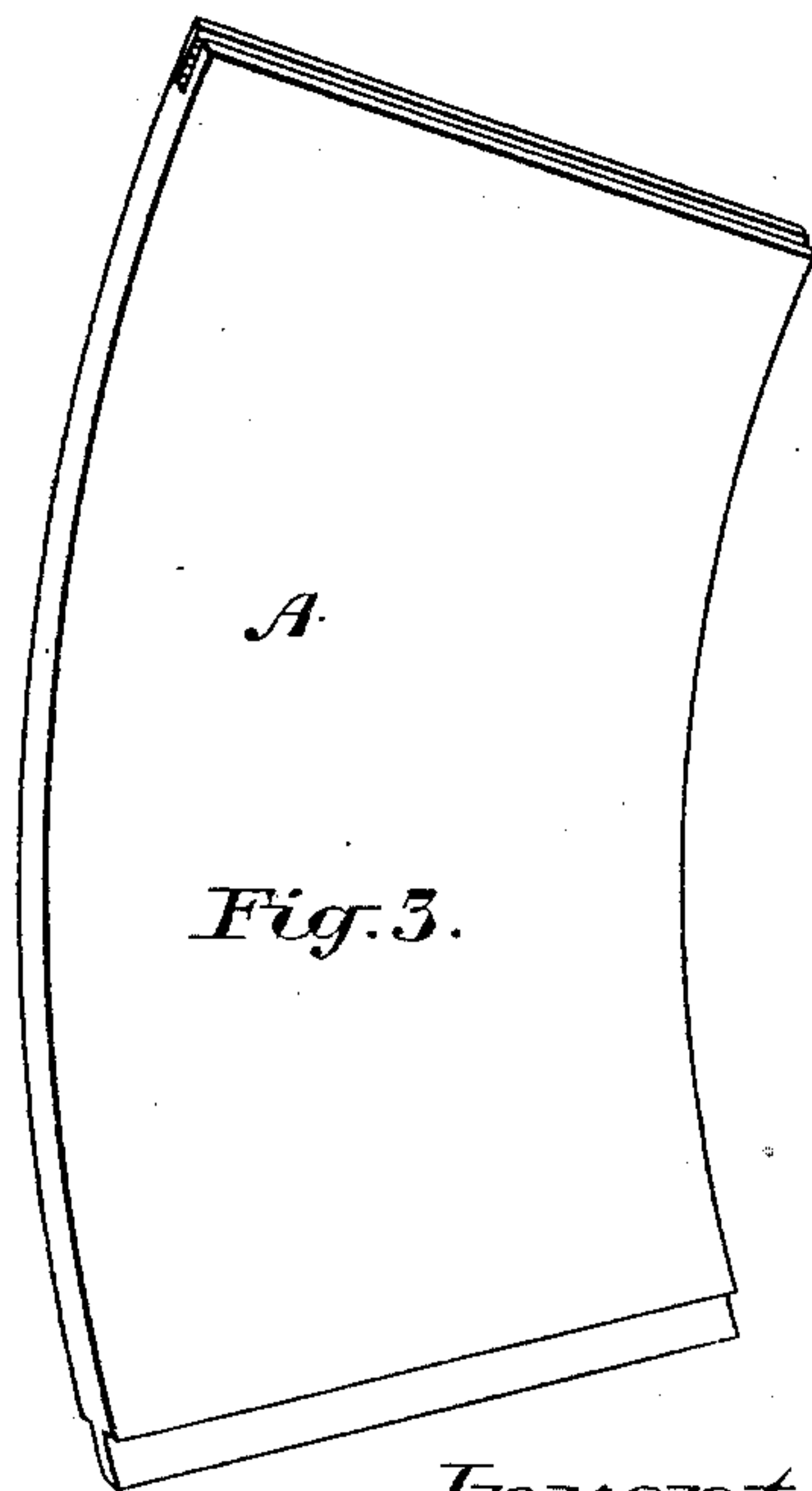
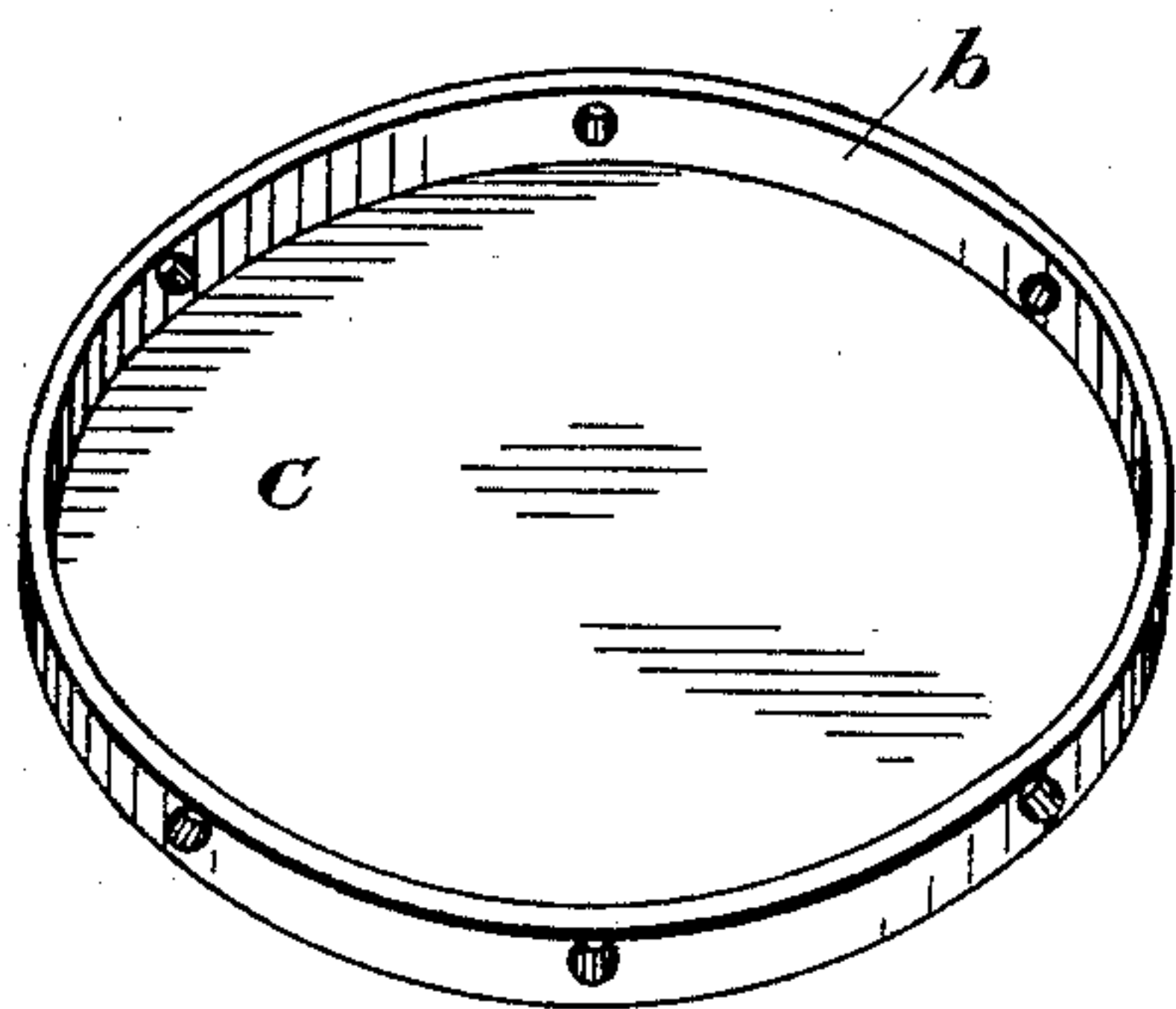
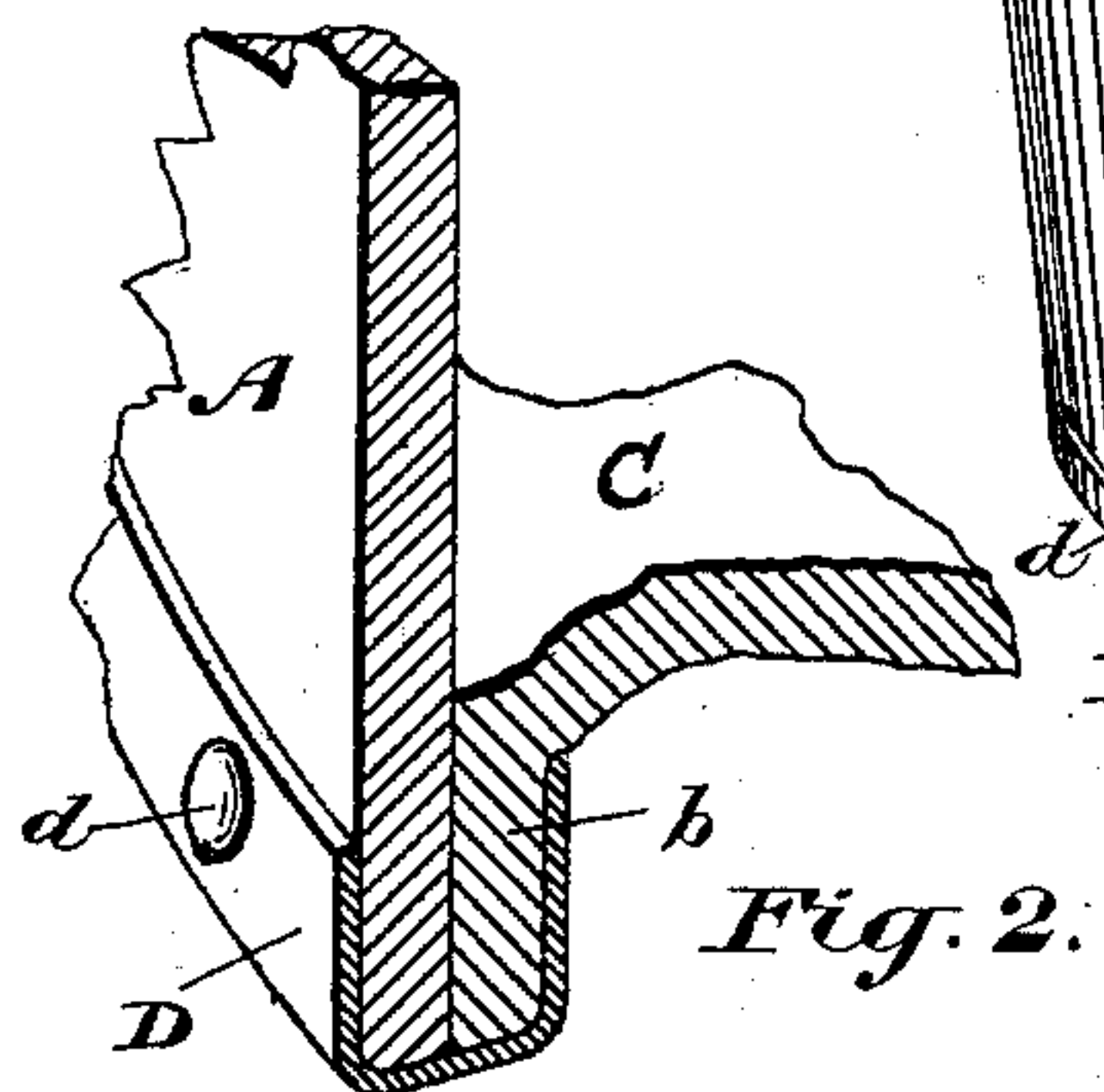
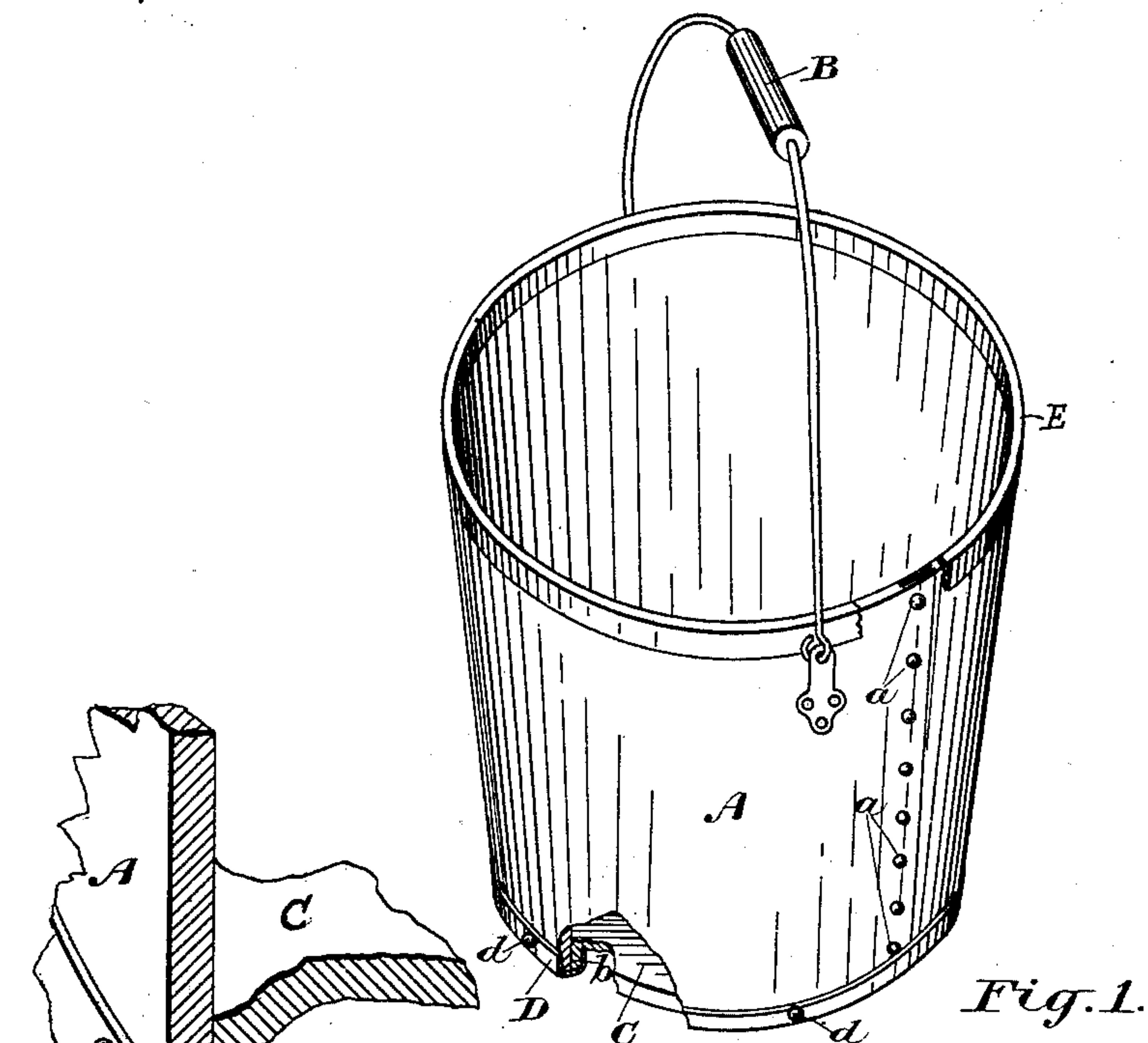
(No Model.)

A. BRAKE.

PAIL, &c.

No. 353,198.

Patented Nov. 23, 1886.



Witnesses.

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UNITED STATES PATENT OFFICE.

ARCHIBALD BRAKE, OF TORONTO, ONTARIO, CANADA.

PAIL, &c.

SPECIFICATION forming part of Letters Patent No. 353,198, dated November 23, 1886.

Application filed May 27, 1886. Serial No. 203,397. (No model.) Patented in Canada May 27, 1886, No. 24,162.

To all whom it may concern:

Be it known that I, ARCHIBALD BRAKE, of the city of Toronto, in the county of York, in the Province of Ontario, Canada, molder, have invented certain new and useful Improvements in Pails, Tubs, &c., of which the following is a specification.

The object of the invention is to construct a light, strong, and durable pail or tub without hoops; and it consists, essentially, in making the body of the pail or tub of light veneer, suitably jointed, and provided with a flanged bottom, preferably made of heavy paper, jointed to the bottom of the body of the pail in a substantial manner, the body and bottom of the pail or tub being preferably saturated with suitable water-proof composition, substantially as hereinafter more particularly explained.

Figure 1 represents a perspective view of a pail constructed in accordance with my invention. Fig. 2 is a perspective detail of a portion of the veneer body, showing the form of joint employed. Fig. 3 is a perspective detail of the blank forming the body of the pail. Fig. 4 is a detail showing the inverted bottom of the pail.

While I prefer to make the body of the pail or tub of a single piece of thin veneer, the object of my invention will be secured were the said body made in several pieces, provided they were suitably jointed together.

In the drawings I show a pail having its body A made out of a single piece of thin veneer, the edges of the said piece of veneer, where the joint is made, being made in the form of a tongue and groove joint, a series of rivets, *a*, extending down the seam being employed for the purpose of tightening the seam and making it water-tight.

B is a handle secured to the body of the pail in the ordinary way, as shown.

C is the bottom, preferably made of heavy paper, and having a flange, *b*, formed around

it. This flange *b* is made to fit tightly the interior of the body A, its edge being flush with the bottom edge of the said body.

D is a U-shaped band, preferably of metal, and designed to grasp, as indicated, the bottom edge of the body A and the flange *b* of the bottom C. This band D is secured in position by a series of rivets, *d*, and extends around the body A, forming a water-tight joint between the body and bottom.

The body A and bottom C are dipped into some suitable water-proof composition, so as to make them water-tight.

A pail or tub made in the manner described requires no hoops, will be much lighter than the kind now used, will be cheaper to make, and very much more durable.

The top edge of the body A is preferably protected by means of a U-shaped band, E, pressed onto the said edge so as to securely fit the same.

What I claim as my invention is—

1. A vessel having a body, A, made of thin veneer connected together by a tongue-and-groove joint secured by the rivets *a*, in combination with a bottom, C, having a flange, *b*, designed to fit the body A, and secured thereto by means of the band D and rivets *d*, substantially as and for the purpose specified.

2. A vessel having a body, A, made of thin veneer connected together by a tongue-and-groove joint secured by the rivets *a*, in combination with a bottom, C, having a flange, *b*, designed to fit the body A, and secured thereto by means of the band D and rivets *d*, and the band E, fitted upon the top edge of the body A, substantially as and for the purpose specified.

Toronto, May 15, 1886.

ARCHD. BRAKE.

In presence of—

CHARLES C. BALDWIN,
JACK M. JACKSON.