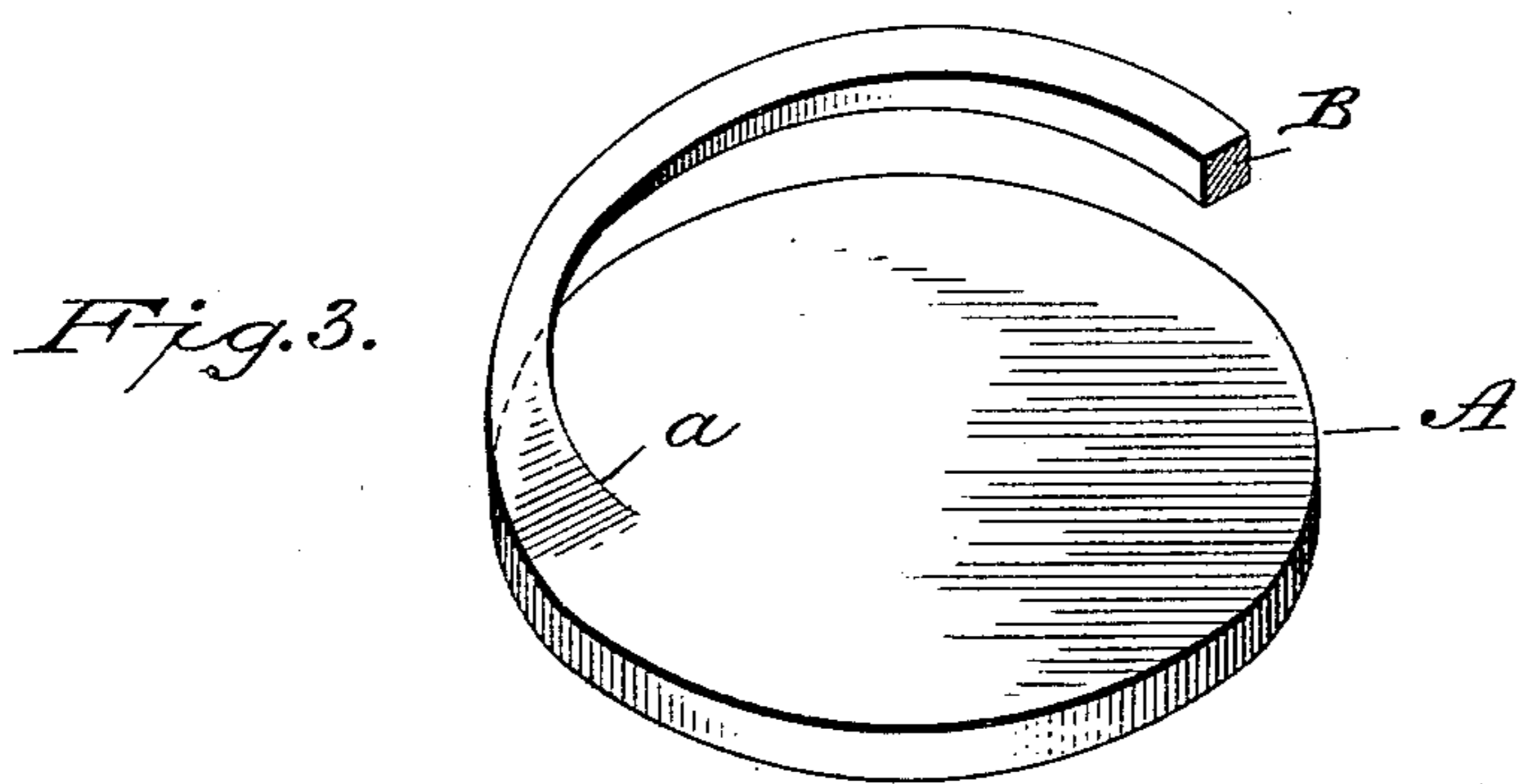
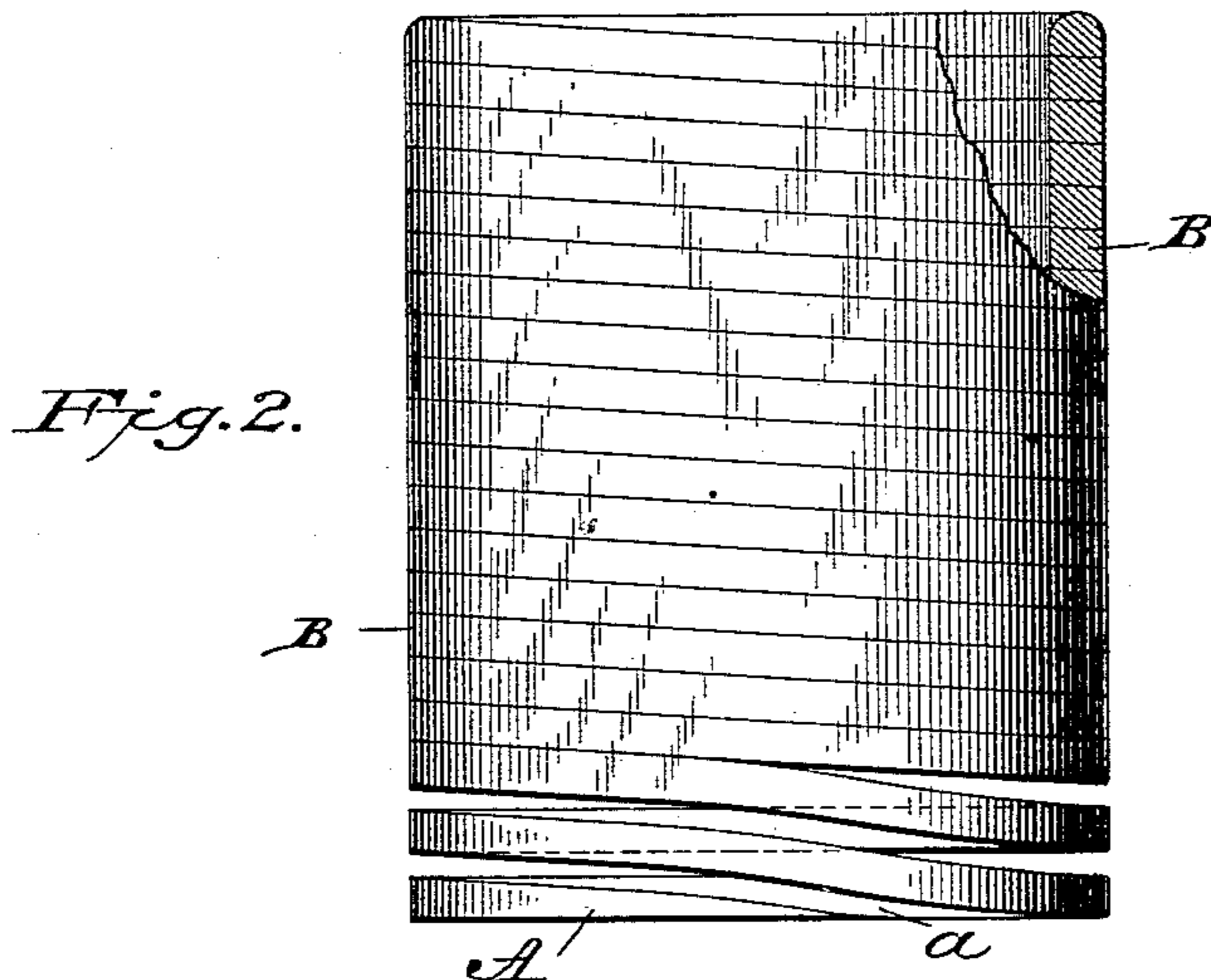
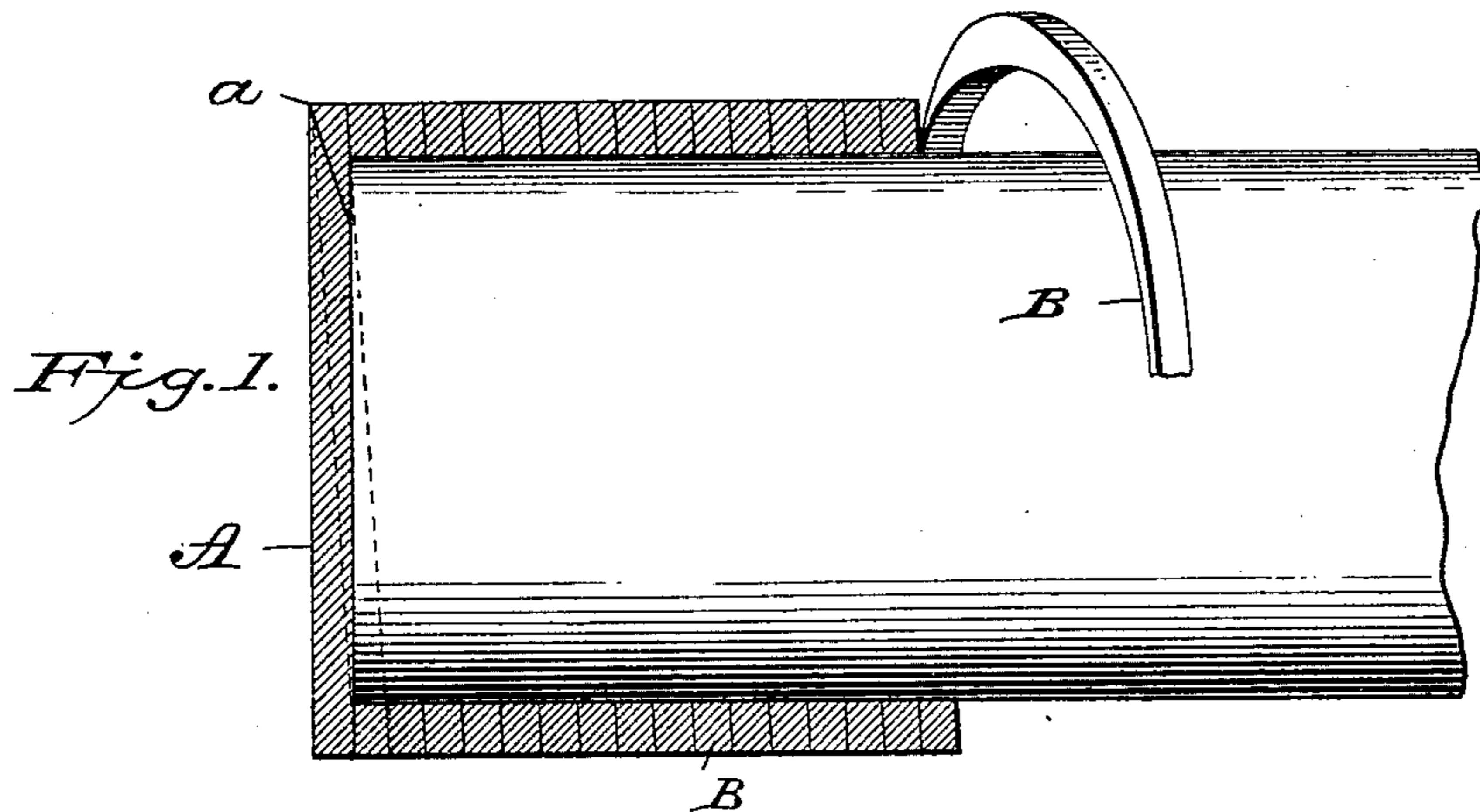


(No Model.)

A. J. WELANDER.  
DICE BOX.

No. 602,672.

Patented Apr. 19, 1898.



WITNESSES  
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# UNITED STATES PATENT OFFICE.

ANDREW J. WELANDER, OF OMAHA, NEBRASKA.

## DICE-BOX.

SPECIFICATION forming part of Letters Patent No. 602,672, dated April 19, 1898.

Application filed September 28, 1897. Serial No. 653,362. (No model.)

*To all whom it may concern:*

Be it known that I, ANDREW J. WELANDER, a citizen of the United States of America, residing at Omaha, in the county of Douglas and State of Nebraska, have invented certain new and useful Improvements in Dice-Boxes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention relates to certain new and useful improvements in cylindrical boxes or receptacles made of leather, the primary object of my improvement being to provide a dice-box which is made up of a single piece of leather, the construction including the bottom and side, whether of cylindrical or other shape.

In the accompanying drawings, which illustrate my invention, Figure 1 is a side view, partly in section, showing a manner of constructing a box made in accordance with my invention. Fig. 2 is a side elevation showing the lower part of the box separated. Fig. 3 is a detail perspective view of the bottom and a portion of the strip which forms the side of the box.

A box made in accordance with my invention is preferably made up of a single piece of leather, as harness or sole leather, and in making a box I take a flat piece of leather and cut the same into a string or thong which is rectangular in cross-section, the piece which is left at the center being circular. The end of the thong is skived in or at the edge of the bottom, so that the perimeter of the bottom will present in side view a wedge-shaped portion which approaches concentrically the inner portion of the bottom, so that the commencement of the thong from the bottom will be gradual.

Referring to the drawings, A is a circular bottom, which is cut or skived, as shown at *a*, to provide a tapered and beveled edge from which the continuous thong B springs, the thong and bottom being cut from a flat piece of leather, it being obvious that the length of the thong determines the height of the recep-

tacle, while its diameter corresponds with the diameter of the bottom. After the leather has been cut the bottom is secured to a mandrel and the thong is coiled about the mandrel or spun thereon and pressed together, cement or glue being used to attach the parts. Such process of manufacture will provide a box with a smooth interior, and the exterior can be finished by buffing, and when used for a dice-box the upper edge is rounded.

A box constructed as hereinbefore described is solid, has an ornamental appearance, will not get out of shape, and will withstand the roughest kind of usage, and is not as noisy as a box made of wood or metal.

Though I have described my improved dice-box as being made of a single piece of leather, it is obvious that I may make the same of several pieces, as leather can be cemented so that the pieces are to all intents and purposes one.

What I claim as new, and desire to secure by Letters Patent, is—

1. A box or receptacle having one end closed the side wall being made up of a continuous thong of leather which is rectangular in cross-section, the same being spirally wound and cemented together.

2. A dice-box made up from a single piece of leather to present a bottom and cylindrical side, the side being made from a strip or thong of leather which is rectangular in cross-section and spirally disposed for the purpose set forth.

3. As an improved article of manufacture, a dice-box made of leather having a flat bottom from which springs a rectangular string or thong, said string or thong being cemented to the bottom and to each convolution of the thong, for the purpose set forth.

4. A dice-box made up of a single piece of leather, having a circular bottom and cylindrical convoluted side held together by cement and presenting smooth interior and exterior surfaces, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

ANDREW J. WELANDER.

Witnesses:

CHAS. BATTELLE,  
E. A. GUSTAFSON.