

(No Model.)

H. L. BREVOORT.
CANDLE.

2 Sheets—Sheet 1.

No. 310,874.

Patented Jan. 20, 1885.

Figure 1:

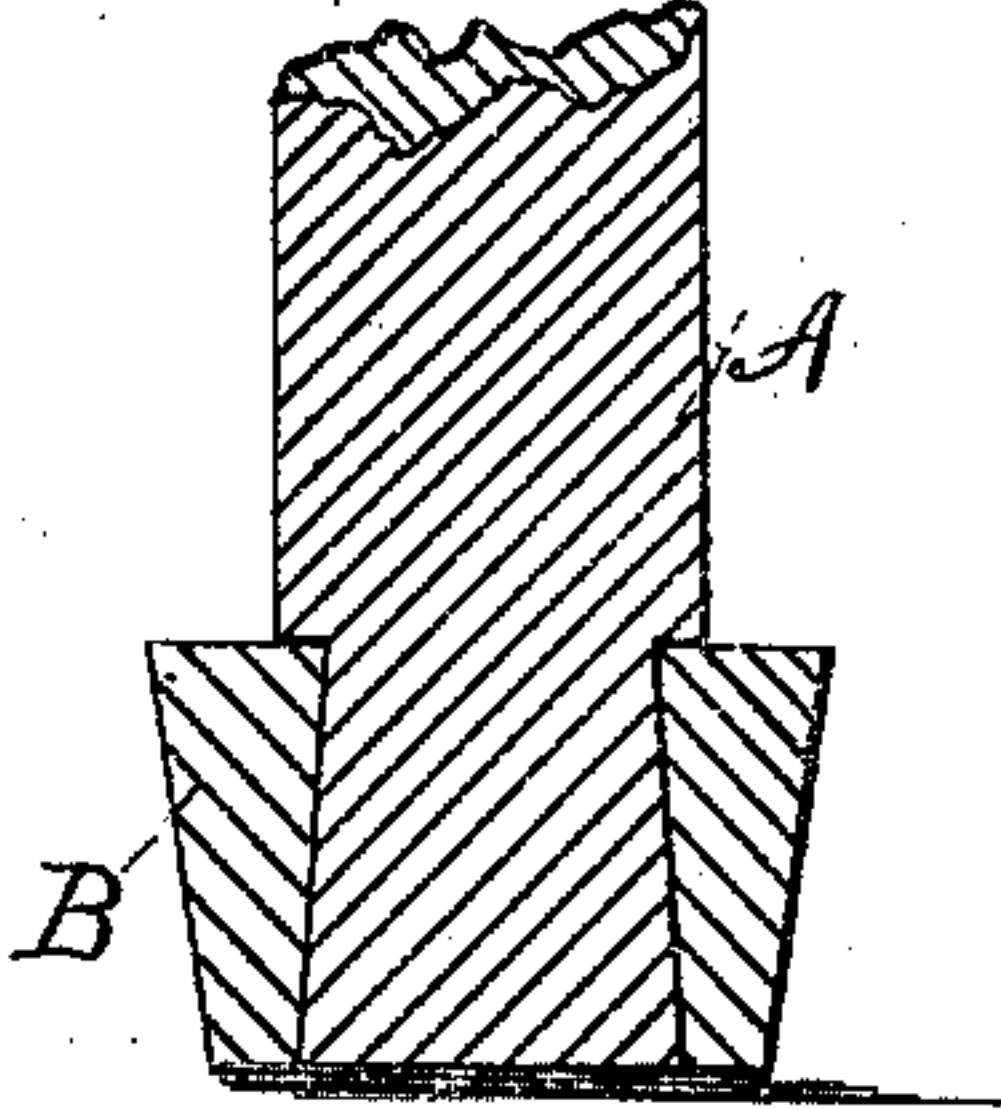


Figure 6:

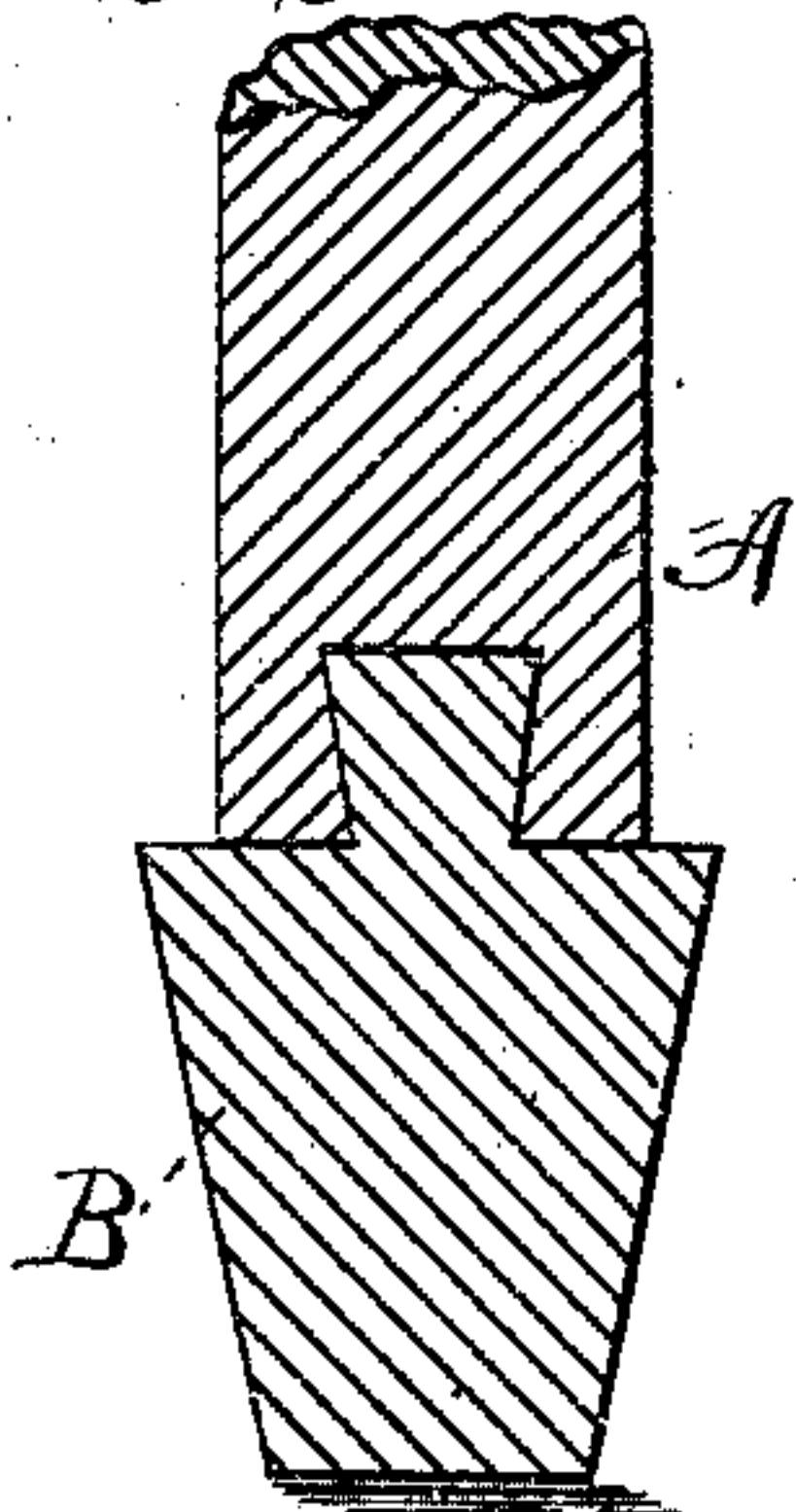


Figure 7:

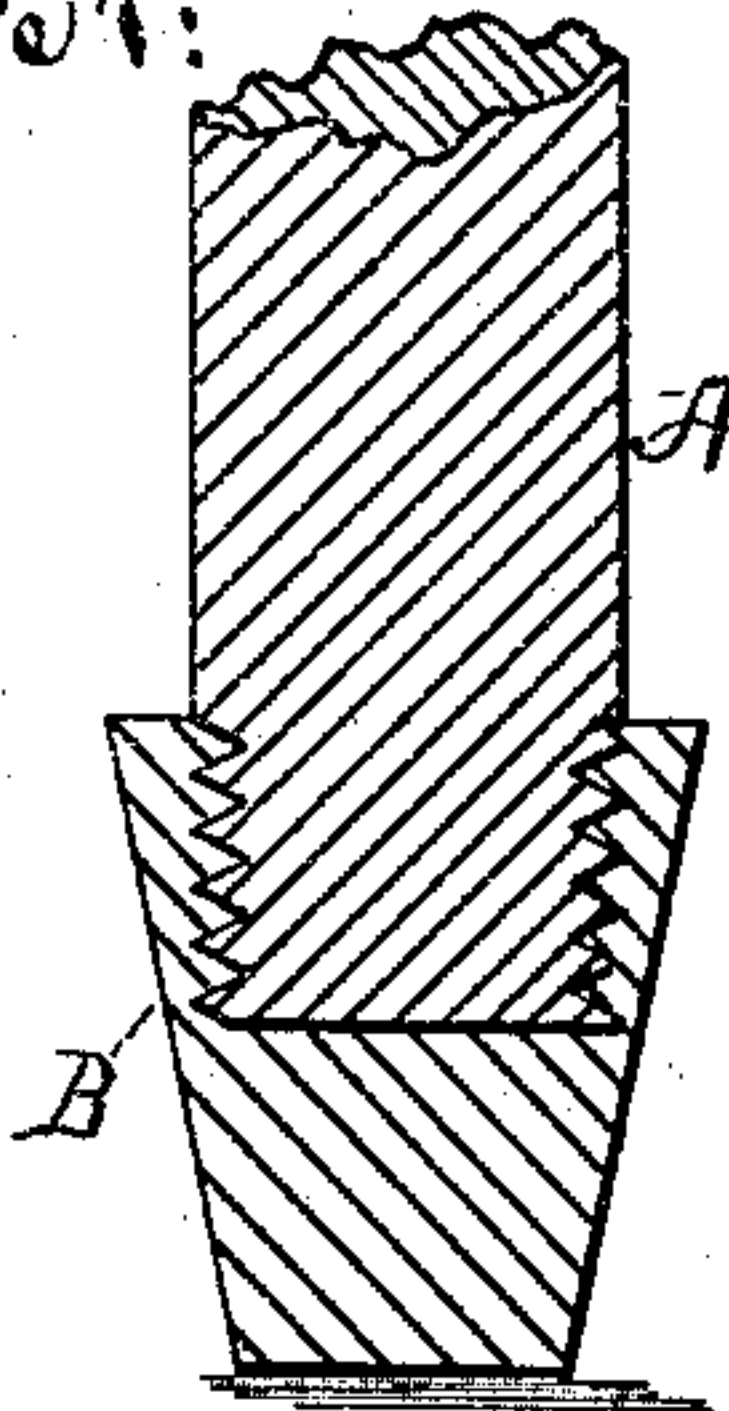


Figure 3:

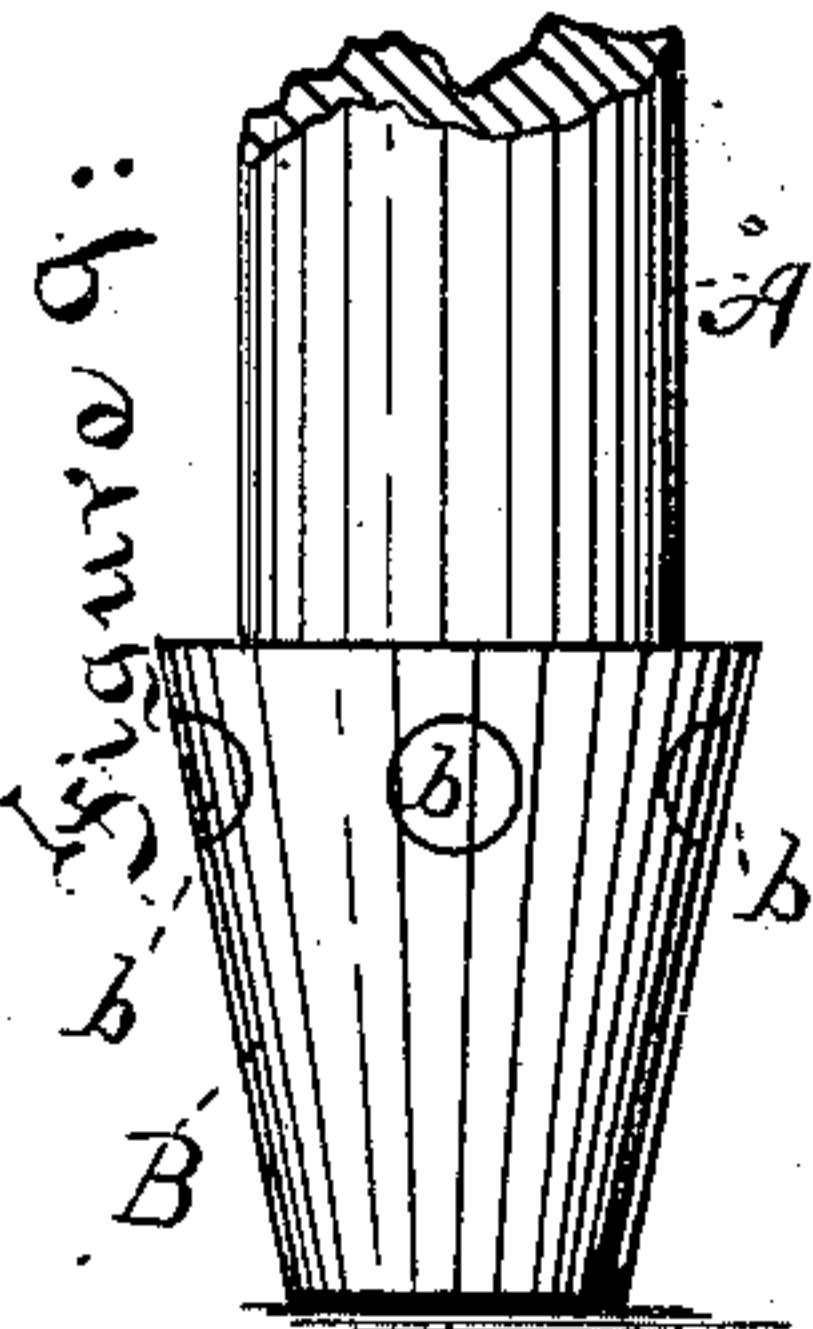
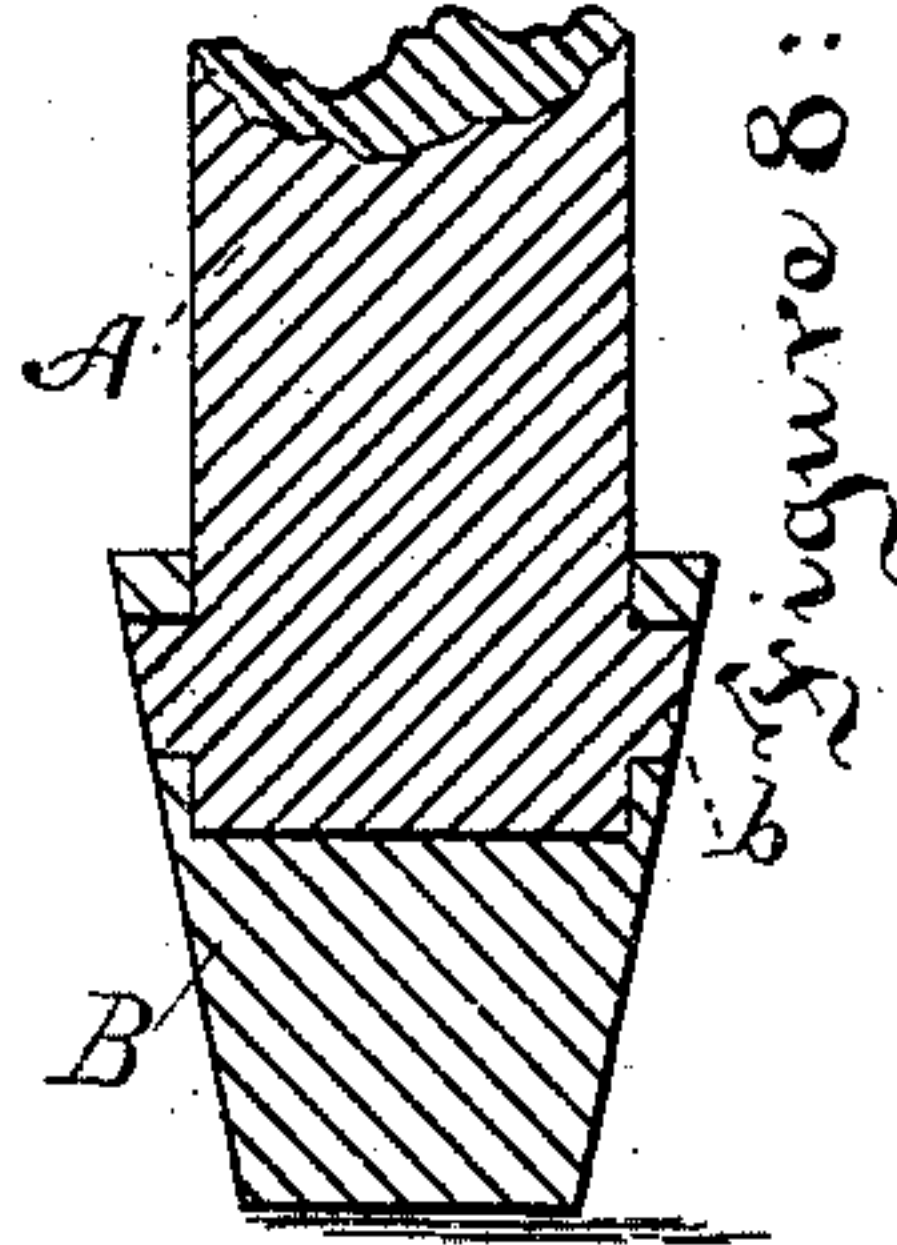
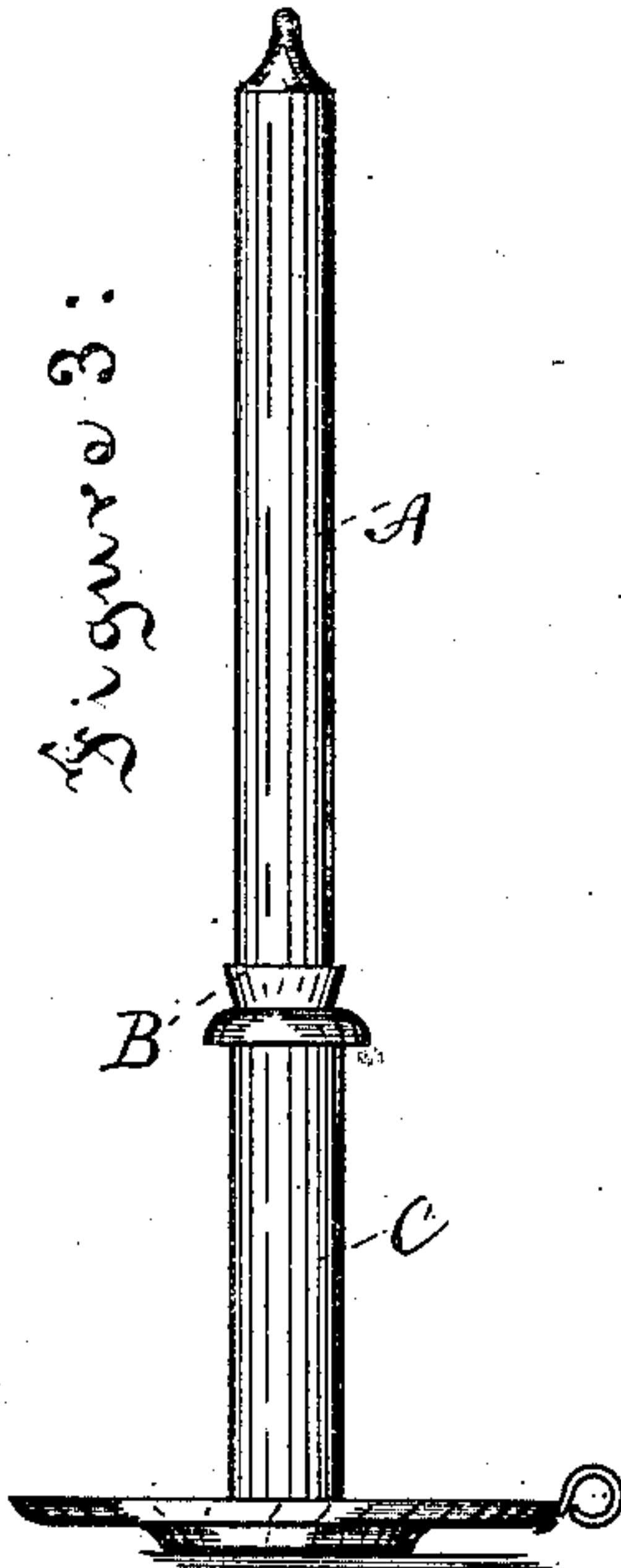


Figure 2:

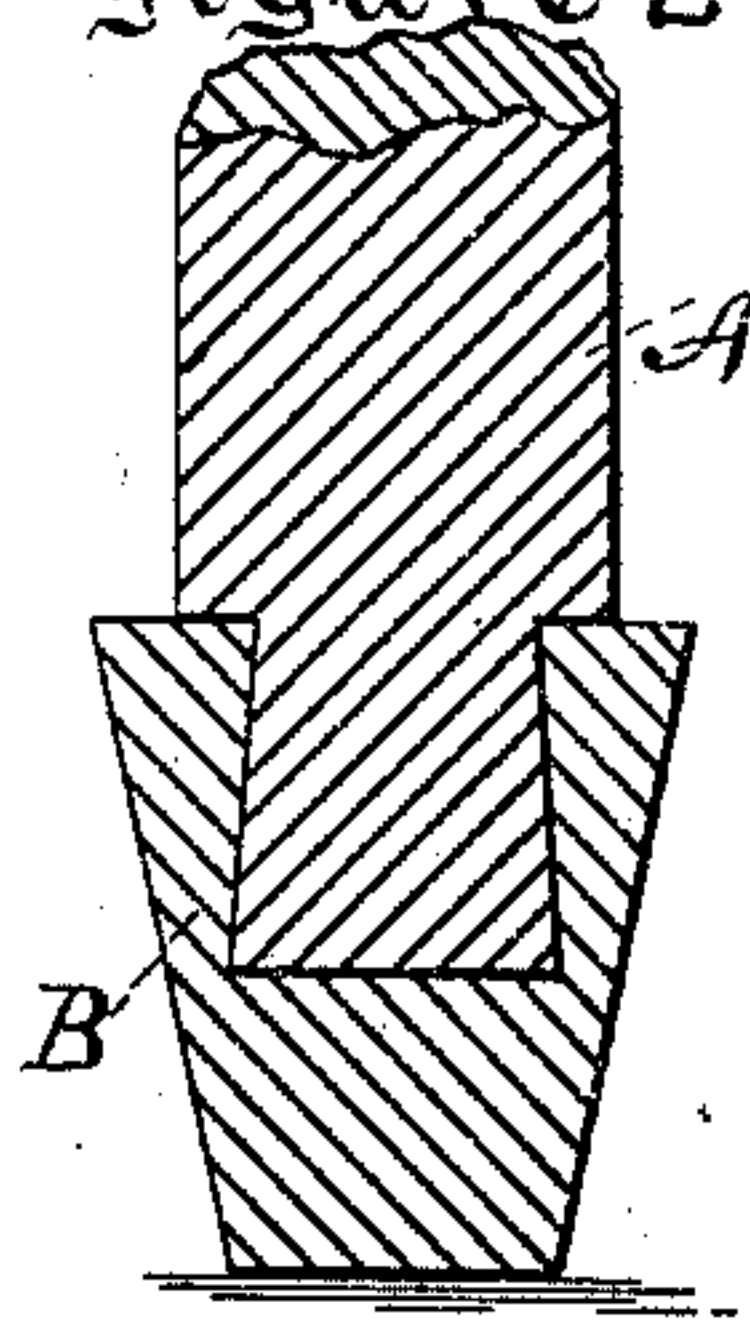


Figure 4:

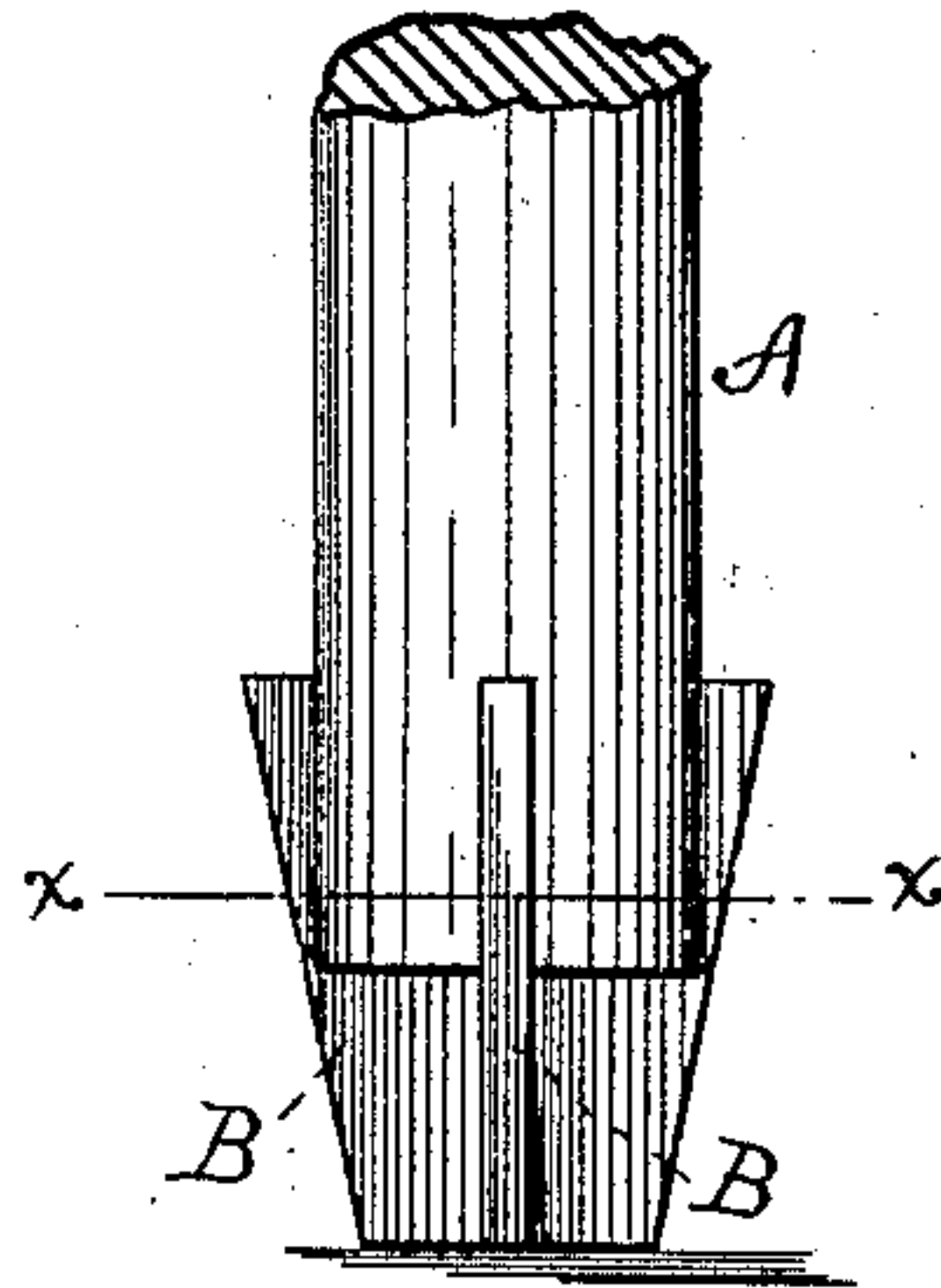
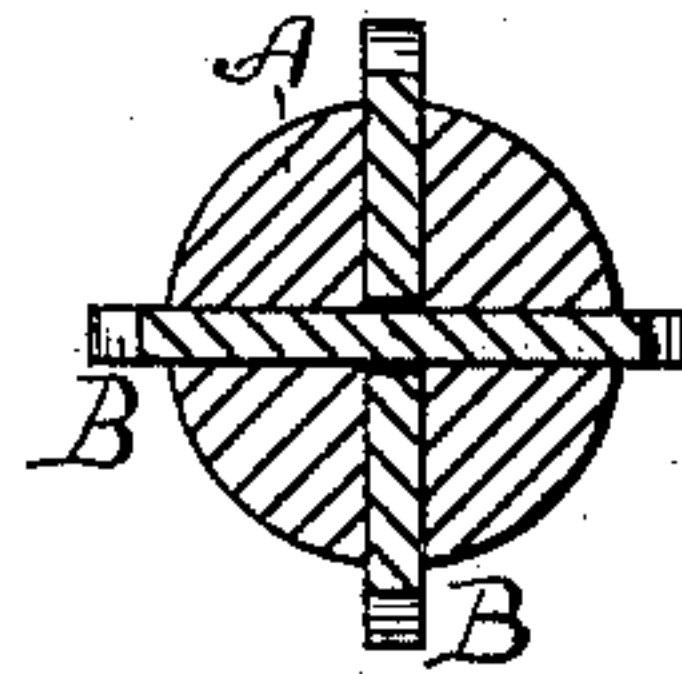


Figure 5:



Witnesses:
Anton J. Lehman.
B. D. Vetterlein

Inventor
Henry L. Brevort
by his Attorney
Joseph L. Levy

(No Model.)

2 Sheets—Sheet 2.

H. L. BREVOORT.

CANDLE.

No. 310,874.

Patented Jan. 20, 1885.

Figure 11:

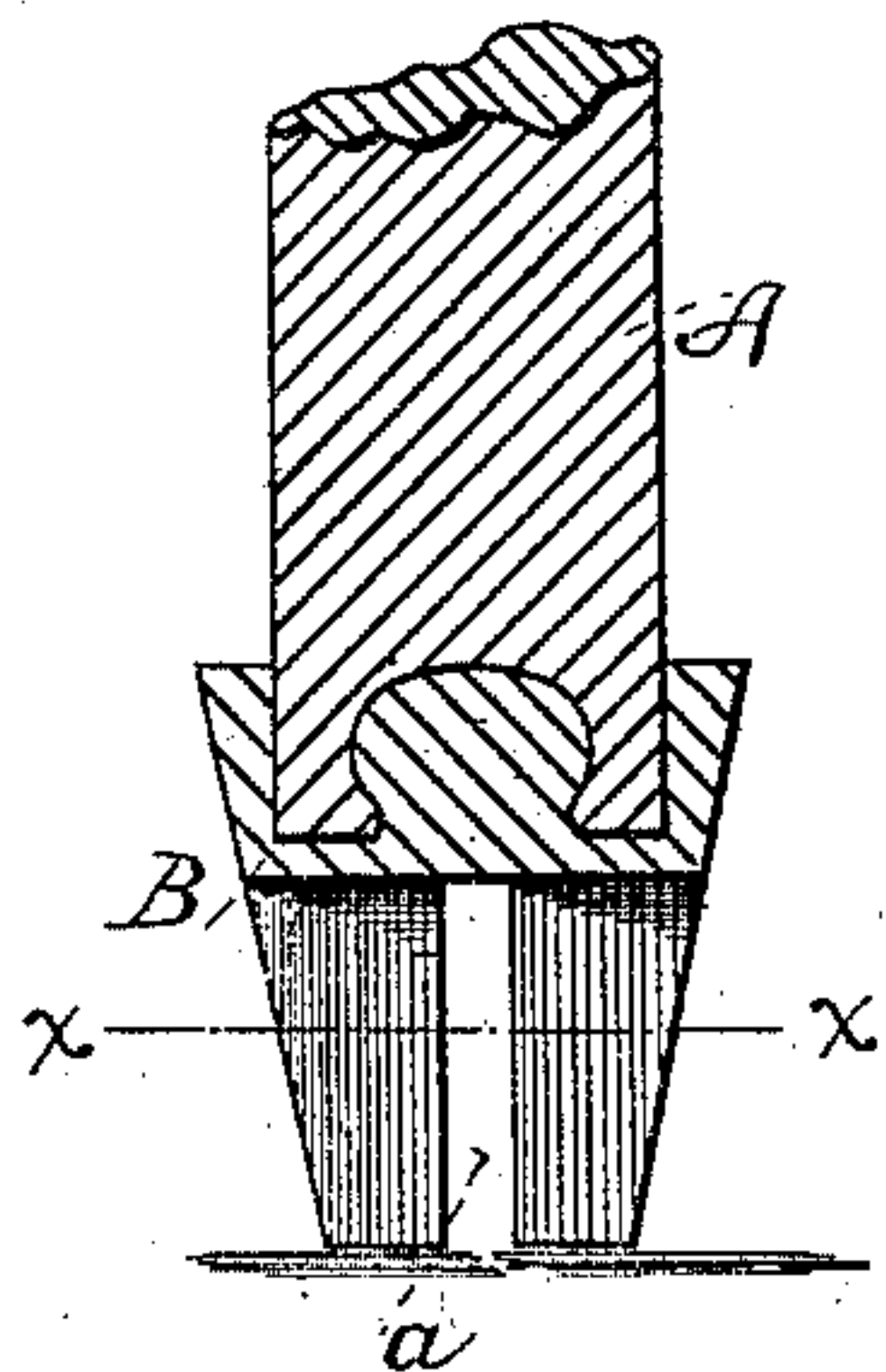


Figure 13:

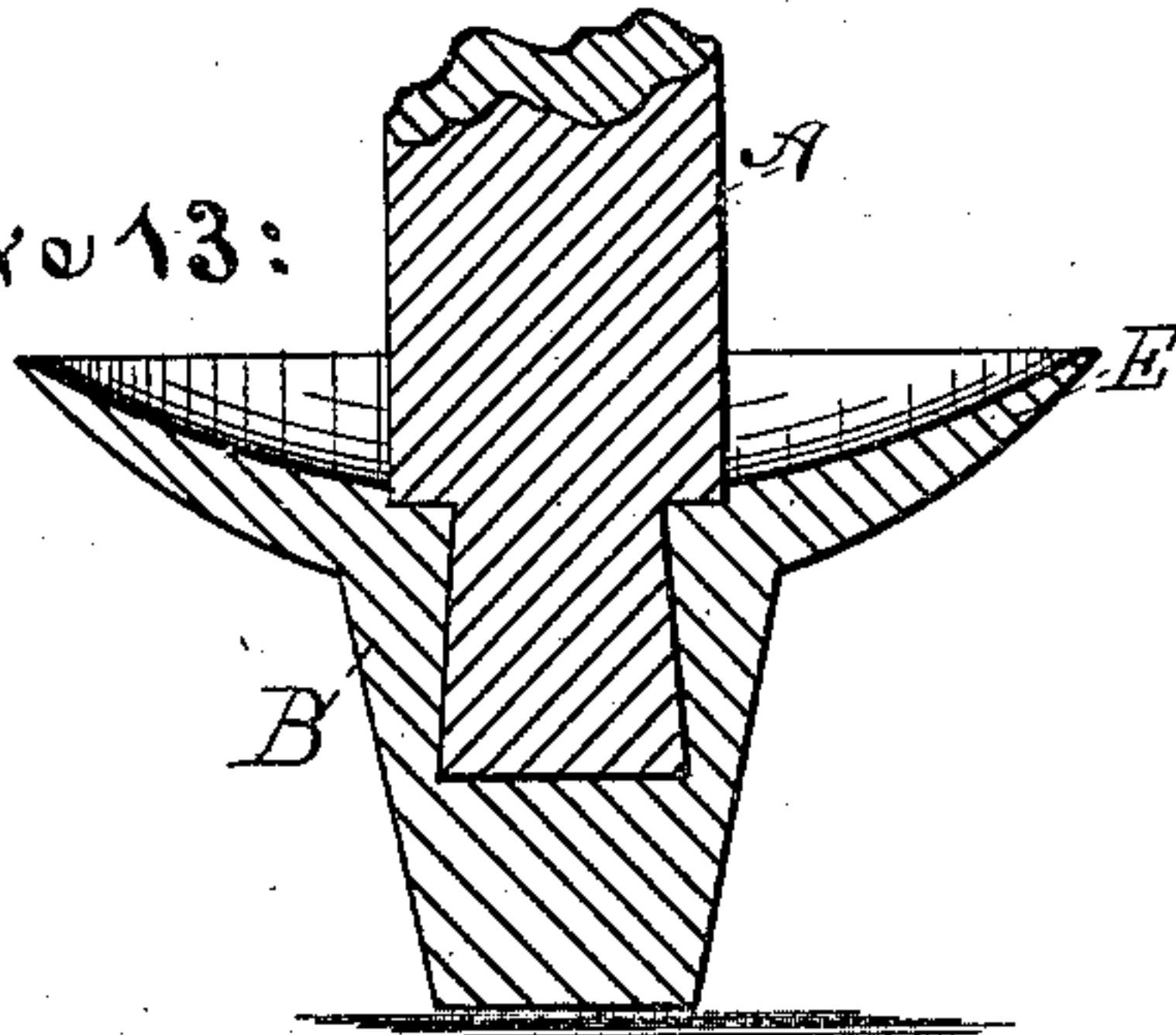


Figure 10:

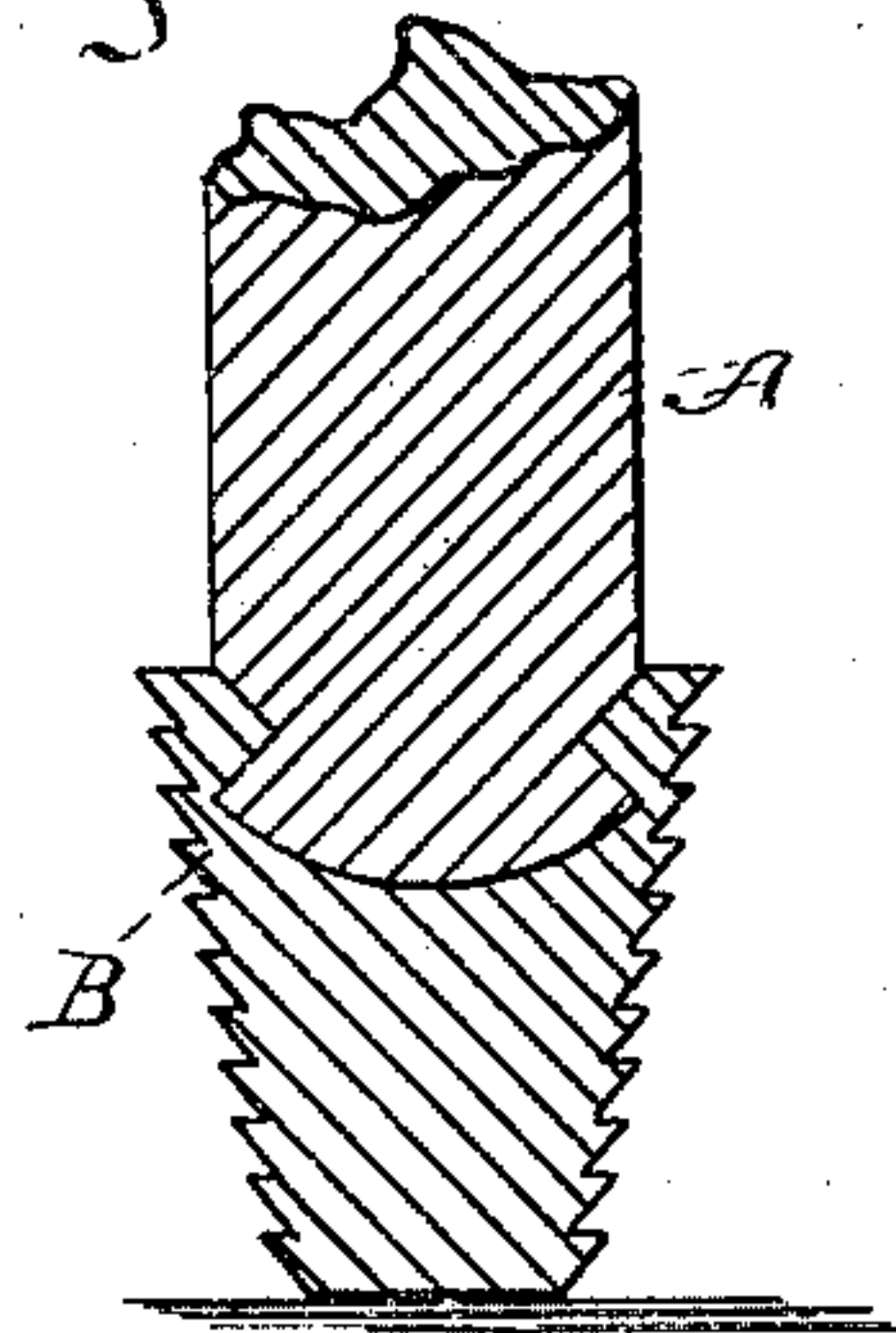


Figure 14:

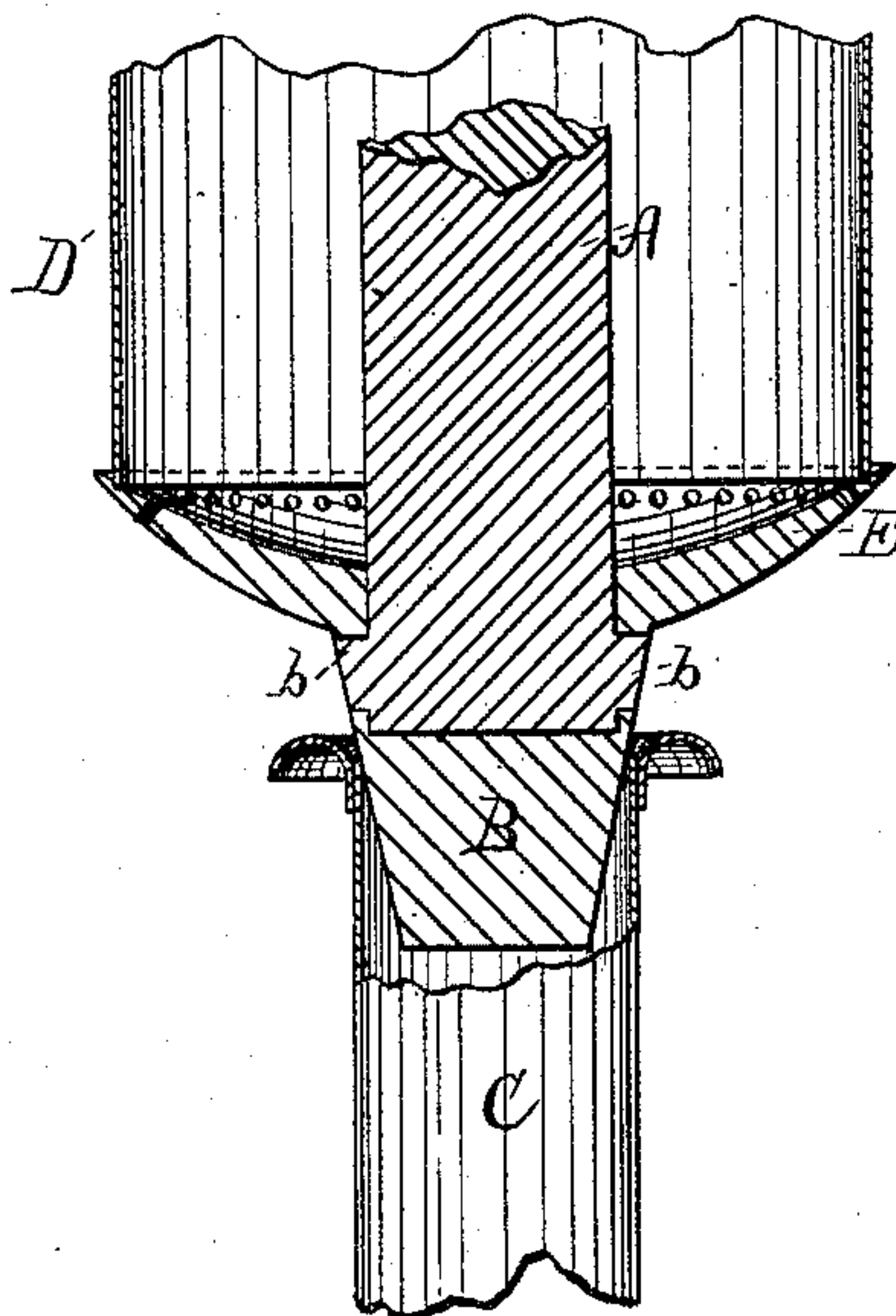


Figure 12:

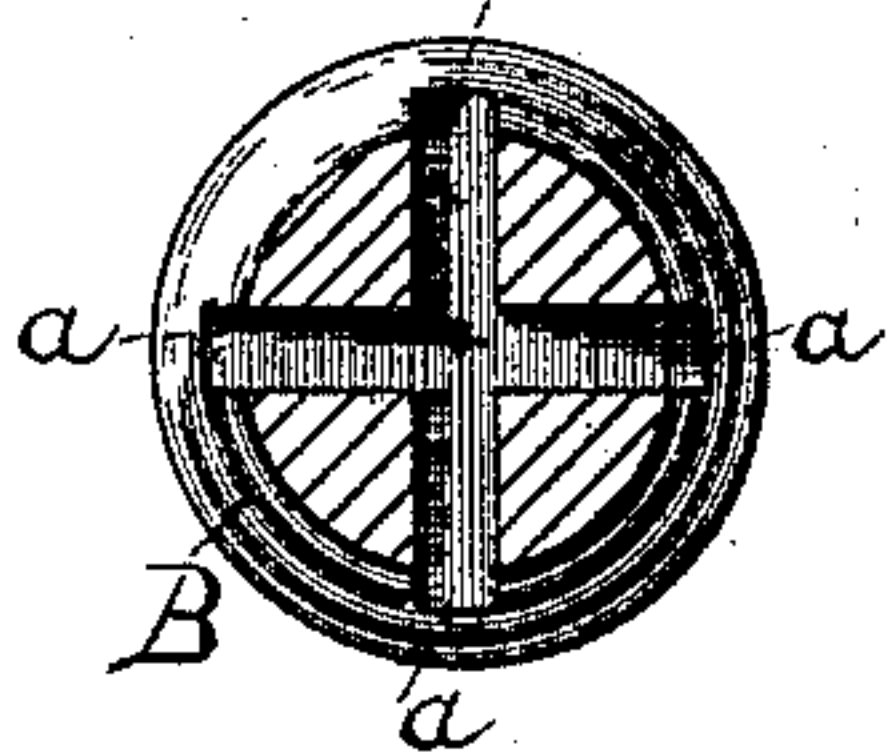
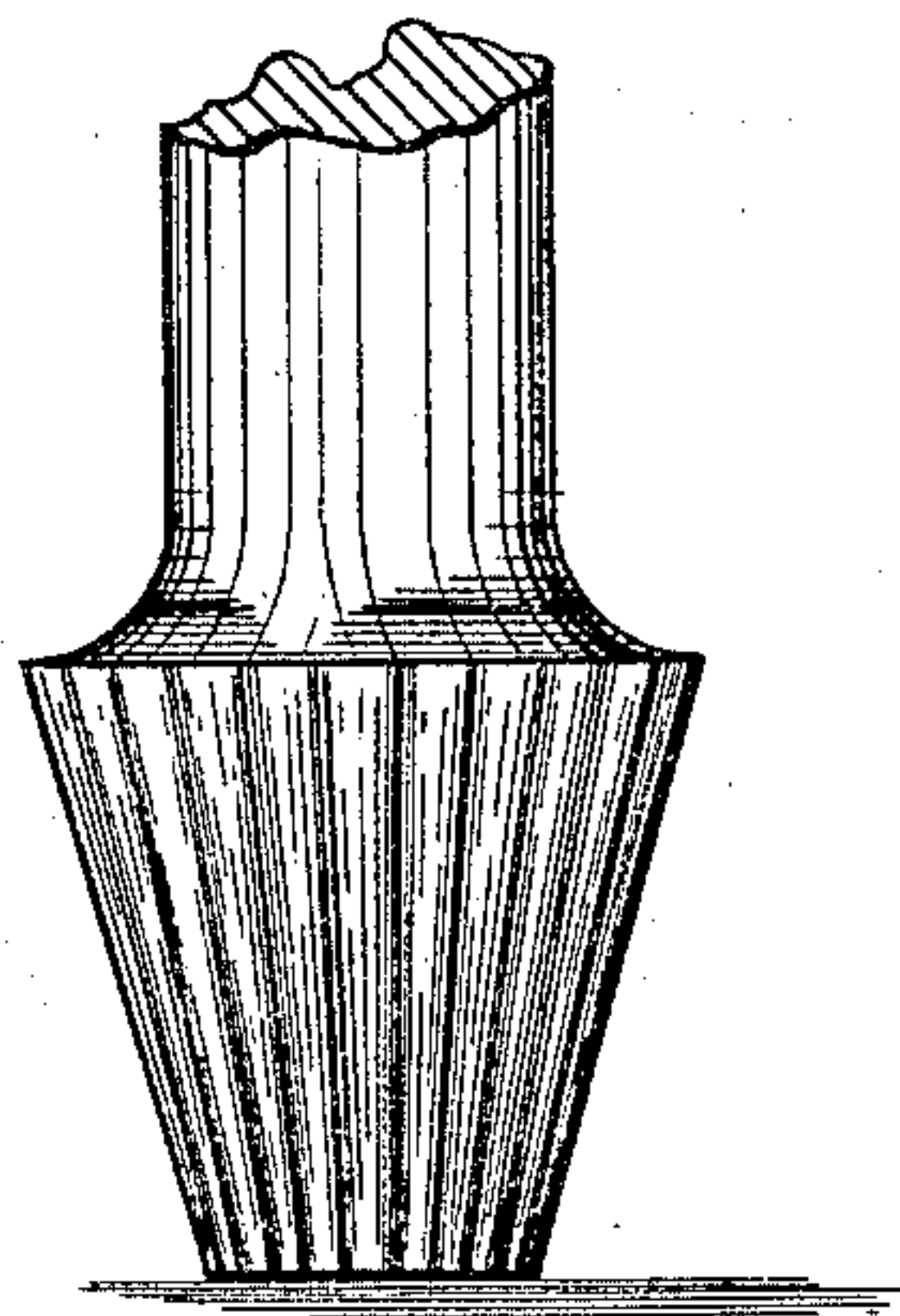


Figure 15:



Witnesses:
Anton J. Lehman.
R. T. Vetterlein.

Inventor
Henry L. Brevort
by his attorney
Joseph L. Levy

UNITED STATES PATENT OFFICE.

HENRY L. BREVOORT, OF BROOKLYN, NEW YORK.

CANDLE.

SPECIFICATION forming part of Letters Patent No. 310,874, dated January 20, 1885.

Application filed October 10, 1884. (No model.)

To all whom it may concern:

Be it known that I, HENRY L. BREVOORT, a citizen of the United States, and a resident of the city of Brooklyn, county of Kings, and State of New York, have made a new and useful invention relating to Candles, and which invention is so fully shown and described in the accompanying drawings that those skilled in the art to which this invention relates may practice the same.

My invention relates to attached tapering butts or ends for candles, which enables the said candles to fit any and all ordinary candlesticks, and which butts or ends are an integral part of the candle and not a part of the candle-stick. Candles as usually made are too small or too large for the ordinary candlesticks, and an attempt has been made to overcome this difficulty by making candles as shown in Figure 15, which is a candle with a conical butt on its inserting end and made of the same material as the candle itself; but this is wasteful of wax, and can only be resorted to in the case of very expensive candles.

My invention consists of a cheap candle butt or end which may be applied to and sold with the candle and then subsequently thrown away with the candle end. This butt or end may or may not have a roughened exterior or a spring action when forced into the candlestick.

In the various figures the parts are shown in cross-section, with the exception of Figs. 3, 4, 9, and 15, being side views, and Figs. 5 and 12 horizontal sections.

Referring to Fig. 1, A is the candle, and B the butt or end, made of wood or other cheap material, preferably soaked in some non-inflammable substance or fluid—such as alum or chloride of zinc. This form shows a butt or end made to fit a holder larger than the candle. Fig. 2 shows a butt or end adapted for a candlestick larger than or smaller than the candle, and this is the preferable relative size of the butt.

The various figures show different forms of butts or ends and various methods of uniting the butt or end with the candle. In the case of Figs. 4 and 5 the four wings which compose the butt or end B may be made of metal, and there may be six, seven, eight, or any

number of wings that may be thought best, Fig. 5 being an inverted section taken on the line *xx* of Fig. 4. Fig. 13 shows how an end or butt may be made to catch the liquid grease that ordinarily runs down a candle, the butt or end having the flange E, the candle being made an integral part of the butt or end in any of the ways here mentioned. Fig. 14 shows how an end or butt may be made so as to combine in itself the functions of a candle butt or end, B, a grease-catcher, E, and a chimney-holder with perforations to admit air near the top, the chimney being shown at D. Fig. 10 shows an end or butt corrugated on the outside, and this construction may be advantageously employed with the other forms of the invention here shown, as it tends to hold the butt or end firmly in the candlestick. Figs. 11 and 12 show how the butt or end may be given a spring action, so that it will accommodate itself and hold firmly in the candlestick, *a a a a* being slots formed in the wooden or other butt, B, or candle end, so as to make said butt or end springy when forced into the candlestick. Fig. 12 is an inverted section taken on the line *xx*, Fig. 11.

The various figures show, mostly in cross-section, different ways of fastening the candle A into the butt or end B. In Figs. 1, 2, 6, 10, 11, and 13 the parts are dovetailed together, which may be effected during the making of the candle. In the other figures they are shown as screwed or otherwise fitted together, which may be effected during the manufacture of or after the making of the candle. Fig. 3 shows the candle butt or end B in a candlestick, C. In Figs. 8, 9, and 14 holes are made in the butt or end B, as at *b*, into which the material of the candle is run or forced, this making a firm union.

I disclaim all inventions which relate to the formation of candlesticks so that candles of varying sizes may fit them—such as detachable candle-holders, as shown in the United States Patent No. 273,103, of the year 1883—my invention being confined to an attachment to a candle, which attachment accompanies the candle and forms a part of it, enabling any candle so provided to be used in any candlestick. In this way candles may be made to fit candlesticks larger than themselves, candlesticks smaller than themselves, or either larger

or smaller, as my butt or end accompanies each candle and is a part thereof. The candlestick needs no adaptation or attachment to enable it to hold one of my candles so provided. In some cases the butt or end B at its largest part may not be made more than the diameter of the candle, and may then taper or be gradually reduced, so that it may be wedged or fitted into a candlestick having a hole smaller than the diameter of the candle. In all cases the taper of the butt or end B is to be such as to enable it to be firmly wedged or fitted into the opening of the candlestick, the roughening of the butt or end, or the spring action of the same, or both, when used, helping the same to retain its position.

My butt or end is intended to enable any candle to fit into any ordinary candlestick the hole in which approximates to the diameter of the candle, being sometimes a little larger and sometimes a little smaller than an ordinary candle.

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

1. A candle provided with a butt or end of different material than that of the candle, and being an integral part thereof, adapted to enable the same to be fitted into a candlestick or holder having a diameter different from that of the candle, substantially as described.

2. A candle provided with a butt or end of different material than that of the candle, and being an integral part thereof, adapted to enable the same to be fitted into a candlestick or holder having a diameter either larger or smaller than that of the candle, substantially as described.

3. A candle provided with a butt or end of different material than that of the candle, and being an integral part thereof, firmly attached

to the candle, and having a tapering exterior, substantially as described.

4. A candle and a butt or end of different material than that of the candle, and being an integral part thereof, attached firmly to each other, having a tapering and a roughened exterior, substantially as described.

5. A candle and a butt or end of different material than that of the candle, and being an integral part thereof, attached firmly to each other, the said butt or end having a springy or yielding action to enable it to more firmly fit and retain its position in the candle stick or holder, substantially as described.

6. A candle and a butt or end of different material than that of the candle, and being an integral part thereof, attached firmly to each other, the said butt or end having a roughened exterior and a springy or flexible action, substantially as described.

7. A candle provided with a butt or end of material other than that of the candle, and forming an integral part of the said candle, the butt or end being provided with a flange to enable it to catch the grease which runs down the outside of the candle, substantially as described.

8. A candle provided with a butt or end of material other than that of the candle, and forming an integral part of the said candle, the butt or end being provided with a flange to enable it to catch the grease which runs down the outside of the candle, in combination with a ridge formed on the inside of the flange, and provided with holes adapting it to hold a chimney, substantially as described.

HENRY L. BREVOORT.

Witnesses:

A. J. LEHMAN,

BERN. T. VETTERLEIN.