

(No Model.)

F. J. SCHLEICHER.
CAN.

No. 602,775.

Patented Apr. 19, 1898.

Fig. I.

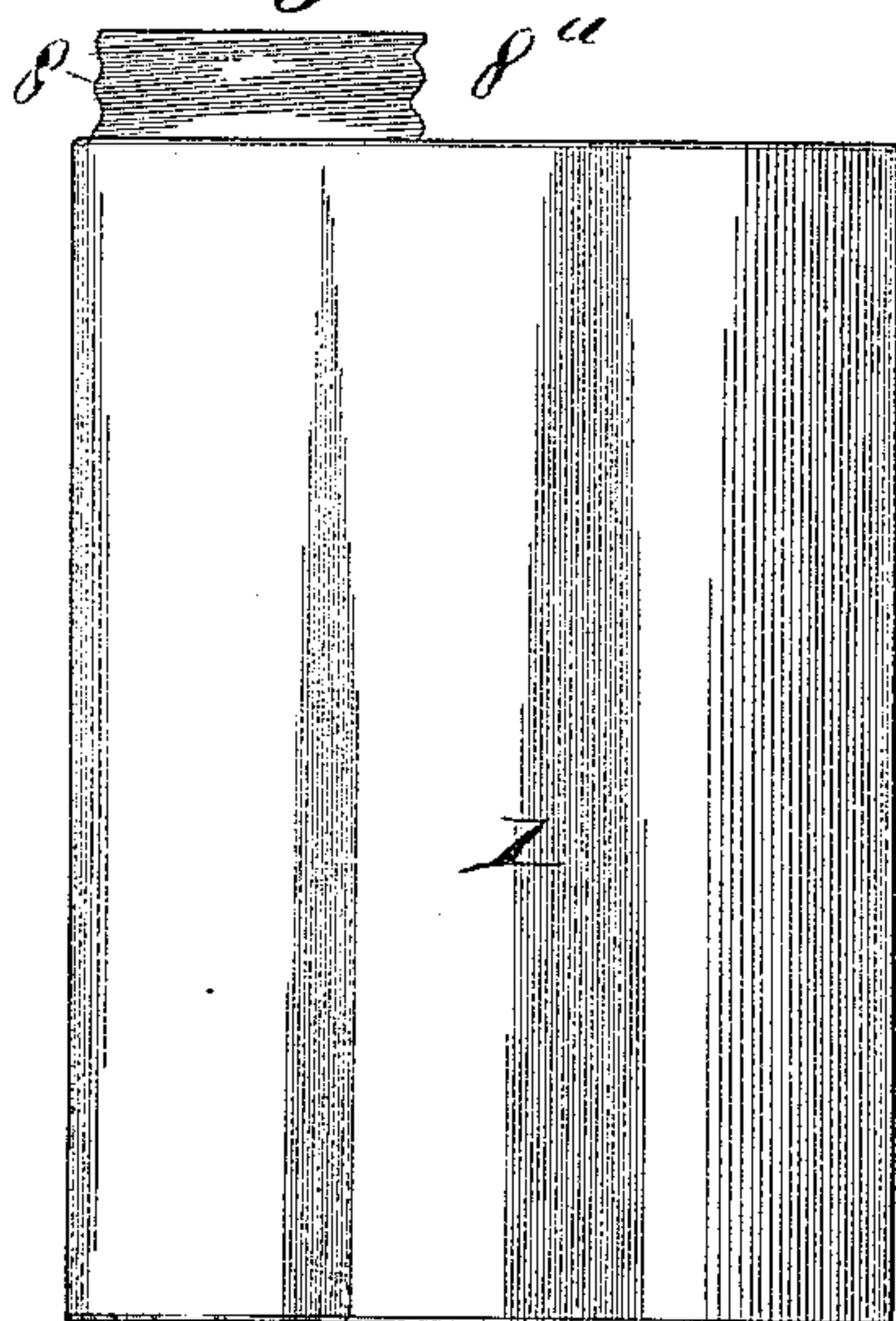


Fig. II.

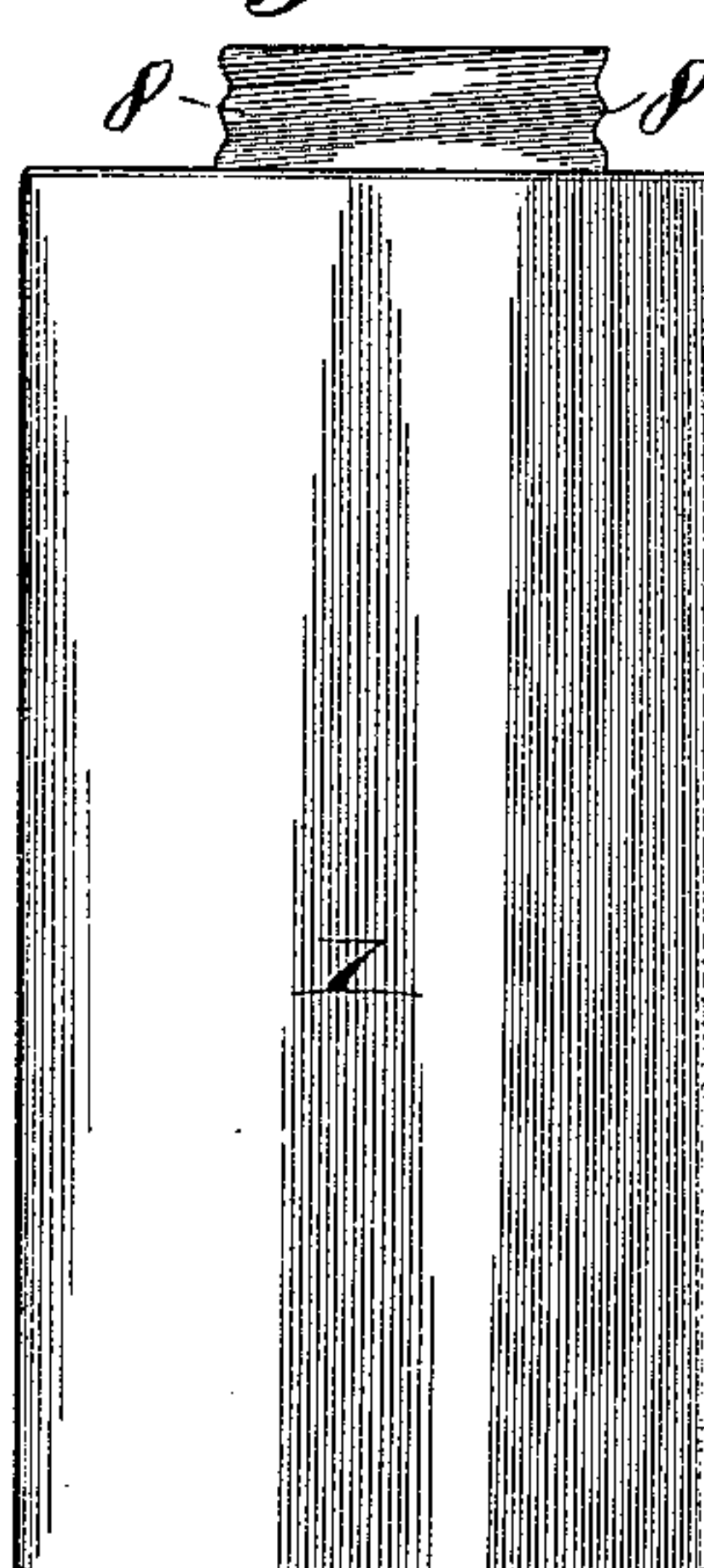


Fig. III.

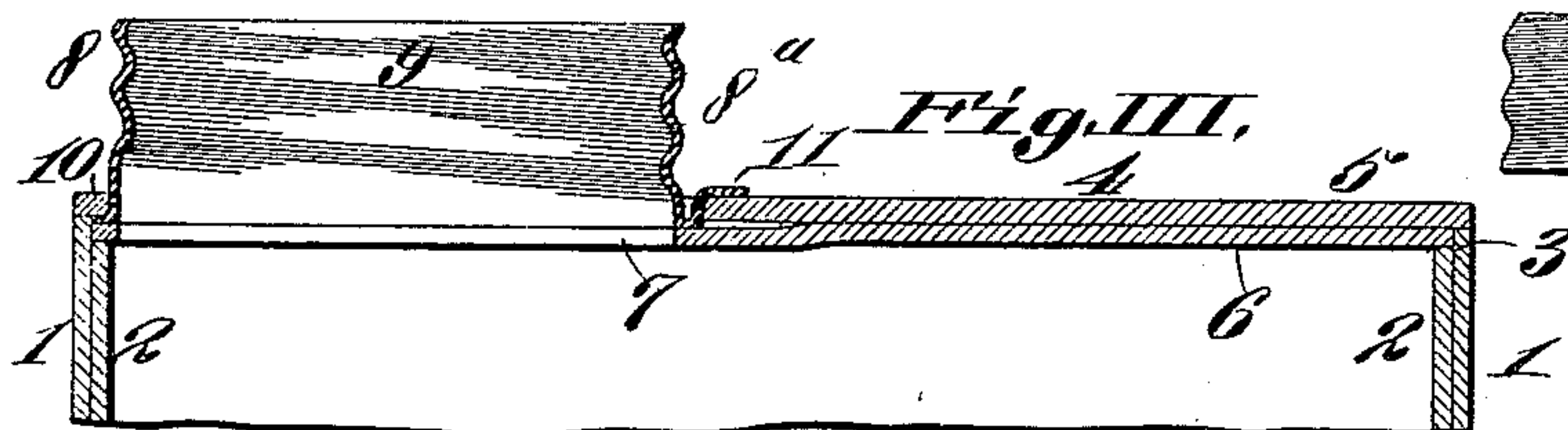


Fig. IV.

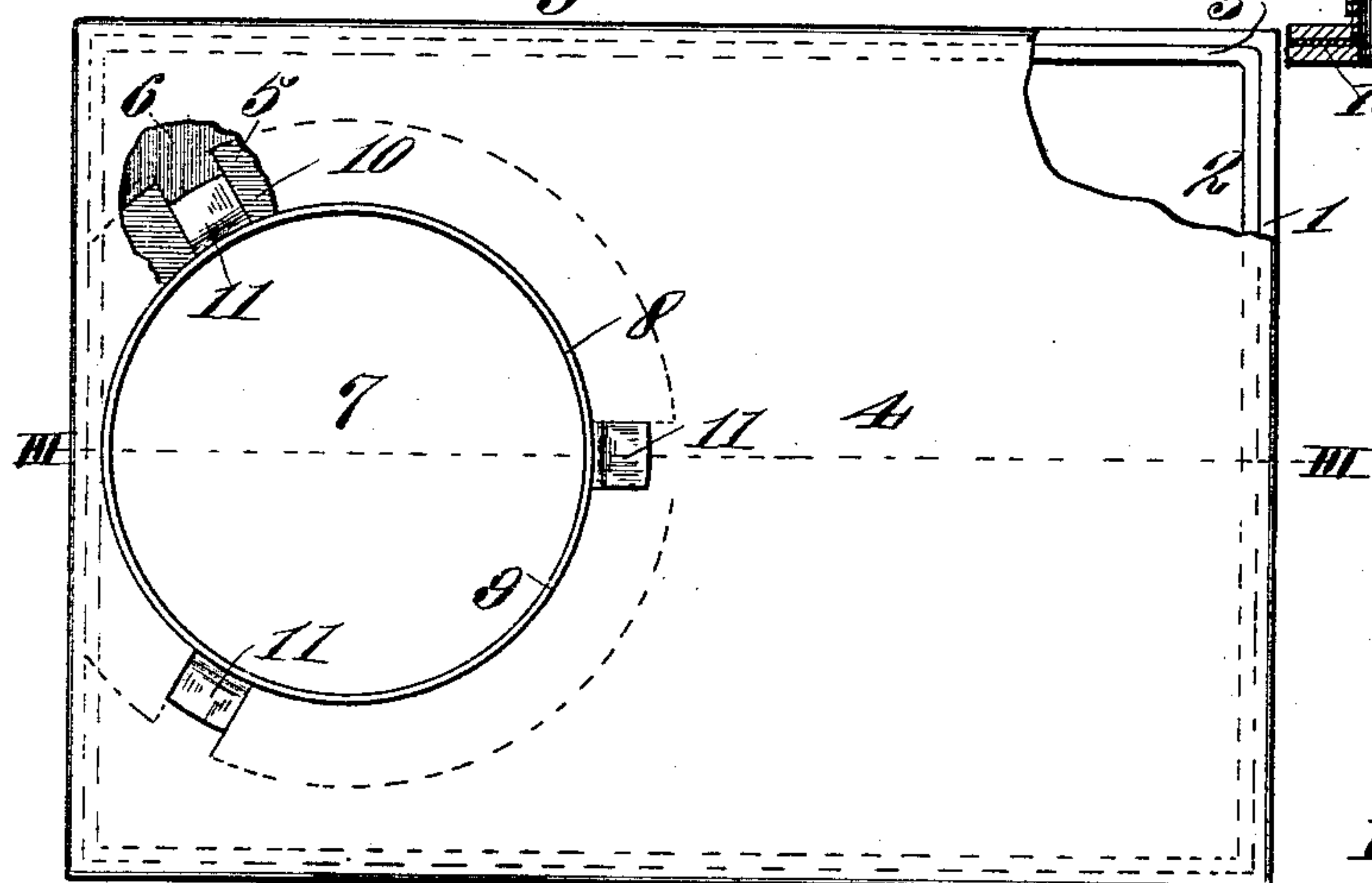


Fig. V.

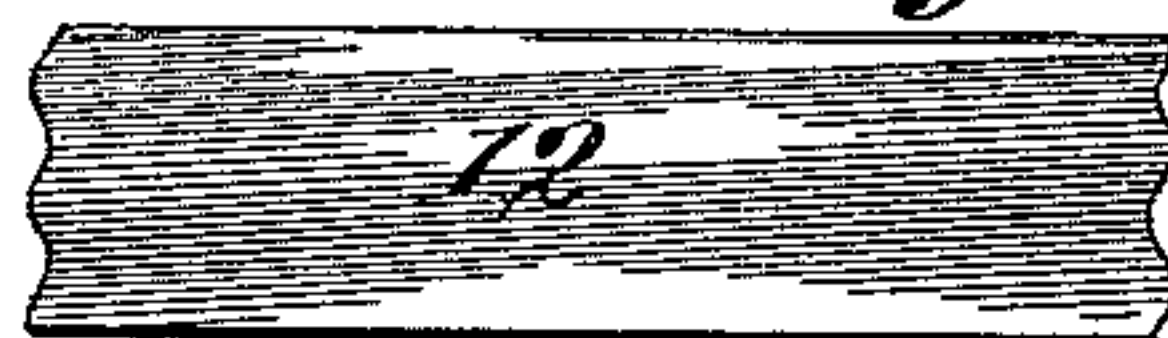
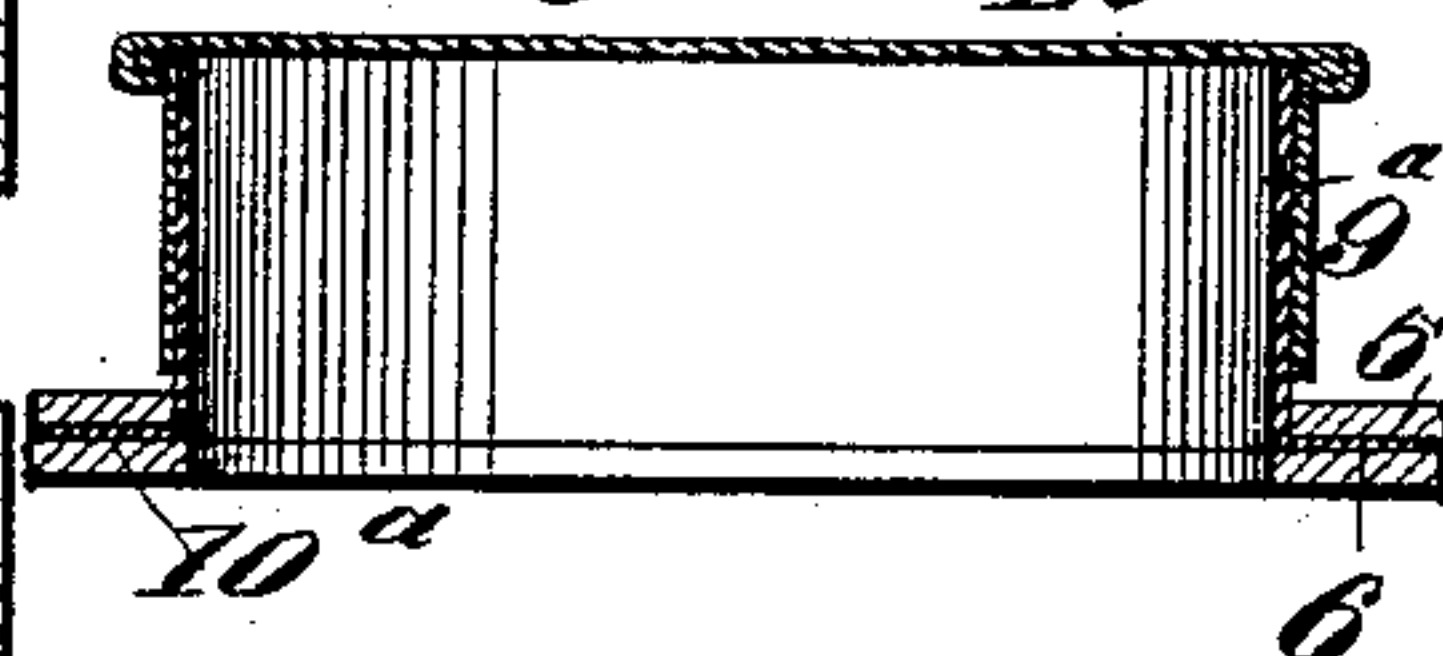


Fig. VI.



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UNITED STATES PATENT OFFICE.

FRANK J. SCHLEICHER, OF ST. LOUIS, MISSOURI, ASSIGNOR TO THE
ST. LOUIS PAPER BOX COMPANY, OF SAME PLACE.

CAN.

SPECIFICATION forming part of Letters Patent No. 602,775, dated April 19, 1898.

Application filed August 28, 1897. Serial No. 649,818. (No model.)

To all whom it may concern:

Be it known that I, FRANK J. SCHLEICHER, a citizen of the United States, residing in the city of St. Louis, in the State of Missouri, have
5 invented a certain new and useful Improvement in Cans, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

10 My invention relates to an improvement in cans; and it consists, briefly stated, in a can-body constructed of paper, such as strawboard, and provided with a projecting neck adapted to receive a cap that forms a closure
15 for said neck.

My invention further consists in features of novelty hereinafter fully described, and pointed out in the claim.

20 Figure I is a side view of a can constructed in accordance with my invention. Fig. II is an edge view. Fig. III is a sectional view of the upper and lower portions of the can, the section being taken on the line III III, Fig. IV. Fig. IV is a top view. Fig. V is a view
25 of the screw-cap. Fig. VI is a sectional view of a modified form of neck and cap.

30 The prime object of my invention is the production of a can of an inexpensive structure owing to the employment of a material of much less cost than the materials, such as metals, heretofore employed in the manufacture of cans.

35 A can constructed in accordance with my invention while being less expensive of production contains the essential features of cans heretofore made of more expensive materials, being both strong and durable.

40 1 designates the body of the can, which is of paper, such as strawboard. On the interior of the body is a lining 2, also of paper, that rests upon the bottom of the can-body and extends to a point just beneath the upper end of the body, its upper edge forming a shoulder 3.

4 designates the can-top, which is composed 45 of an inner sheet 5 and an outer sheet 6, both of paper.

All the parts thus far described are joined by suitable paste or cement, making the parts
50 rigid throughout.

In the top 4 is an opening 7.

8 is a neck formed with a projecting rim 9 and a flange 10, having tongues 11 cut therefrom. The flange 10 is seated between the top-composing sheets 5 and 6, and the neck 55 is securely held to the can-top by bending the tongues 11 upwardly, passing them through the sheet 5, and clenching them onto the sheet 5. The neck is preferably of metal, such as tin, and is preferably provided with a screw- 60 thread 8^a, adapted to receive a corresponding threaded cap 12.

In Fig. VI, I have shown a modified form of the can-neck, in which the rim 9^a has a plain surface and receives a slip-cap 12^a. 65

The entire can is preferably covered with thin paper, which may be the label, denoting the contents of the can.

For the purpose of rendering the can impervious it may be coated on the interior with 70 a liquid-proof solution.

I claim as my invention—

A can the body of which is composed of paper, a lining within said body, a top composed of two sheets joined together, a neck 75 projecting from said can-top, said neck having a flange secured between the sheets forming said top and said flange having lips struck therefrom and bent upwardly and outwardly against the uppermost of said top sheets, for 80 the purpose of securing said neck in position, substantially as described.

FRANK J. SCHLEICHER.

In presence of—

E. S. KNIGHT,
STANLEY STONER.