

No. 735,013.

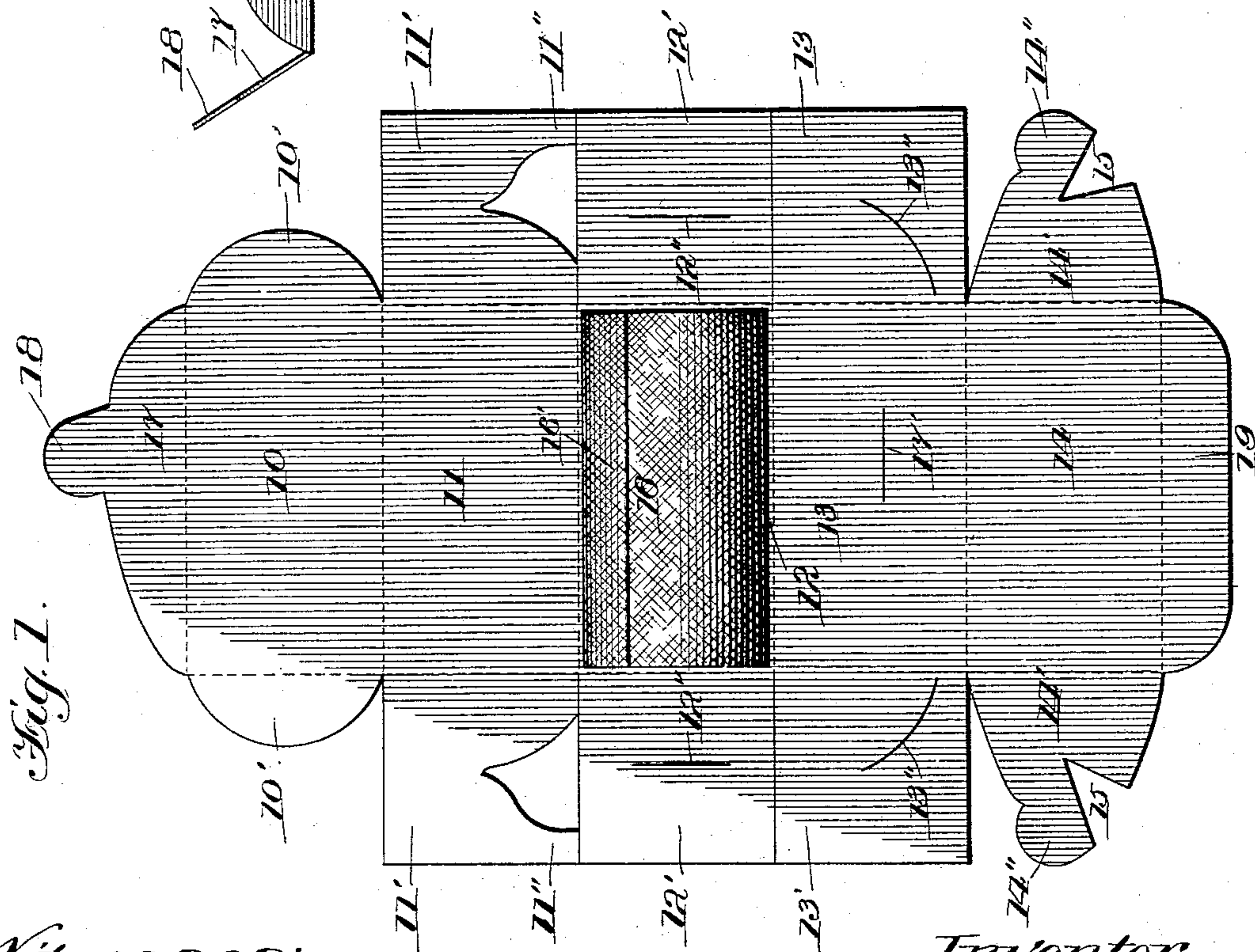
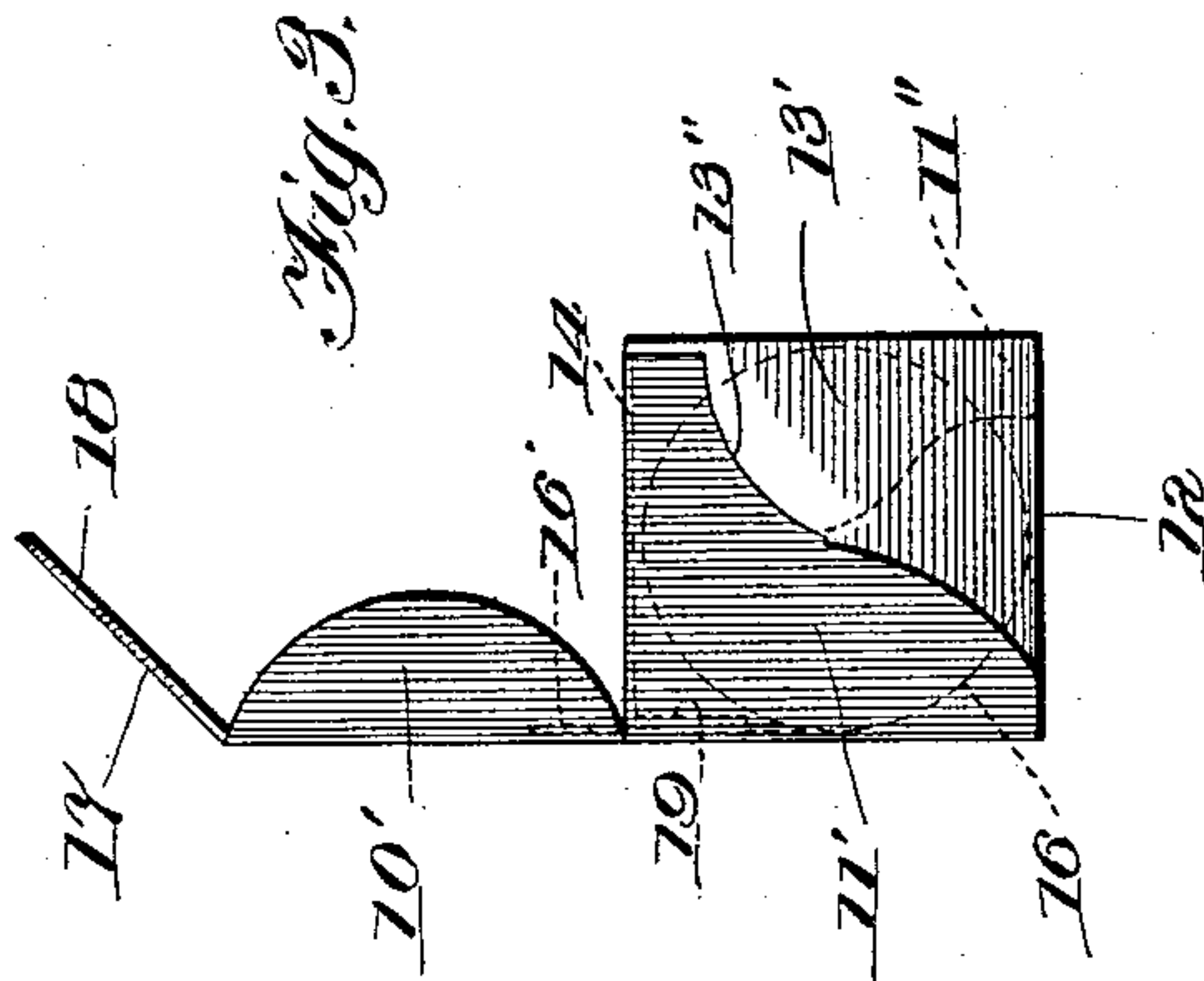
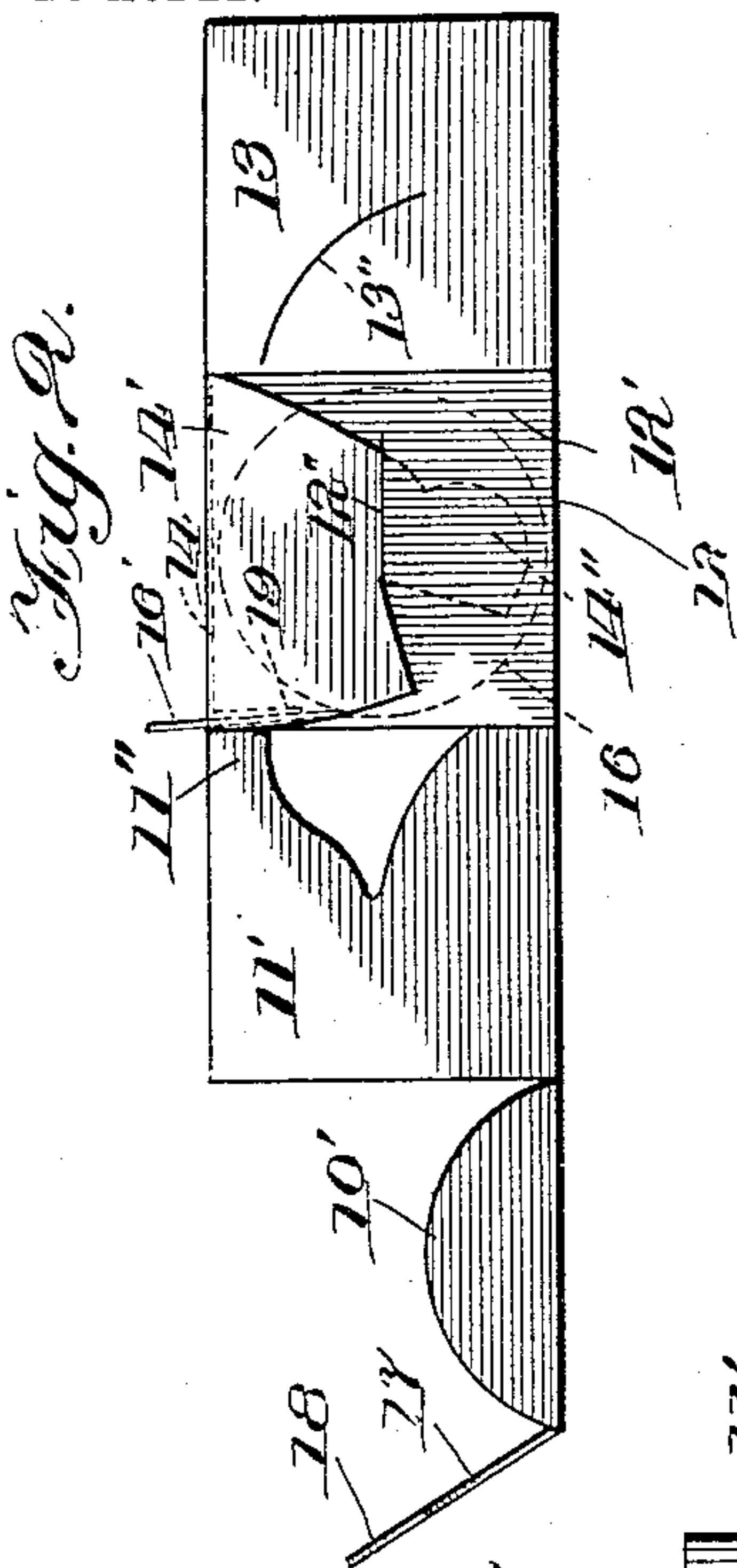
PATENTED JULY 28, 1903.

A. BAUER.
BOX.

APPLICATION FILED JUNE 23, 1902.

NO MODEL.

2 SHEETS—SHEET 1.



Witnesses:

H. S. Gauthier
Helen d. Puck

Inventor:

Alex. Bauer
by W. M. P. Bell
Atty.

No. 735,013.

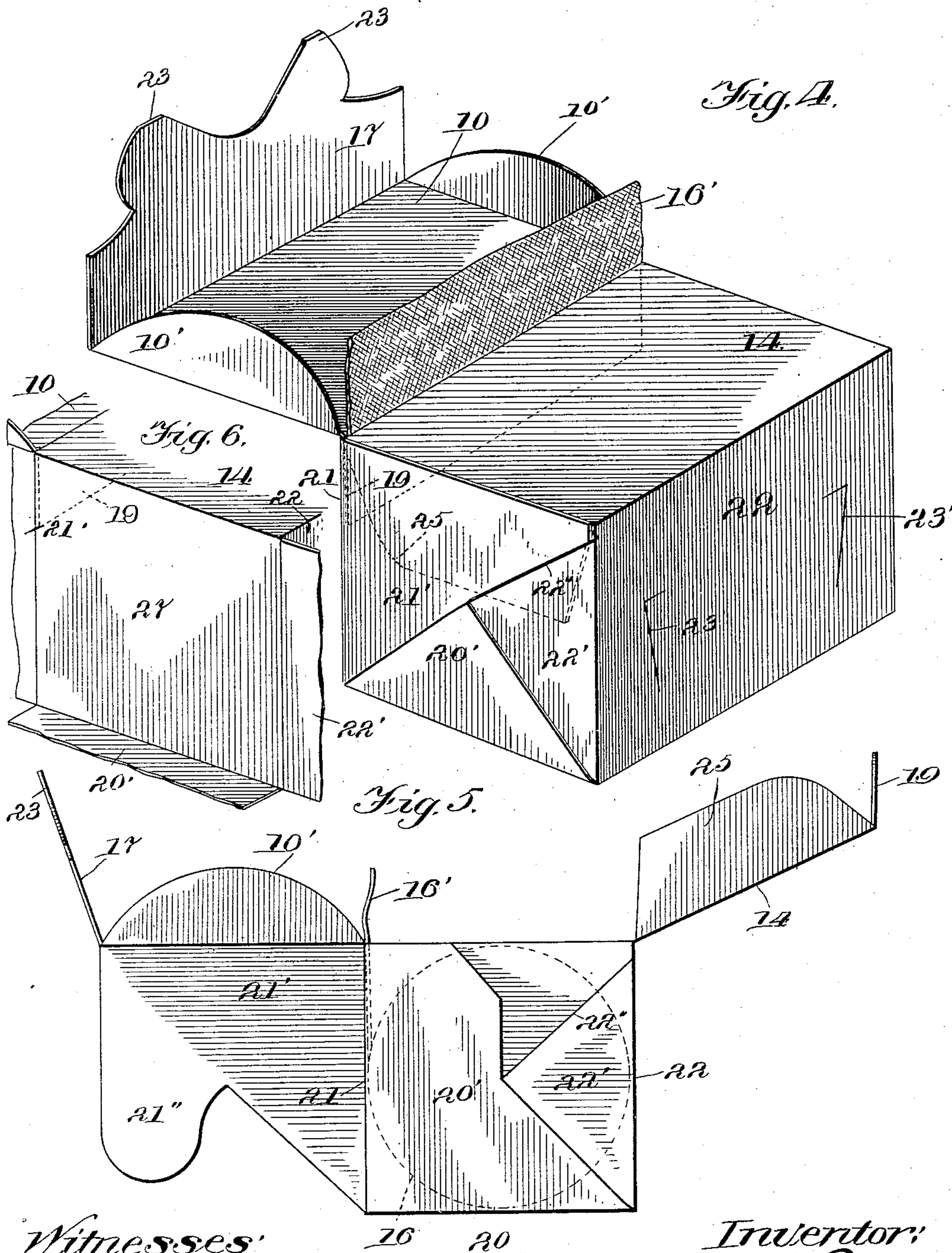
PATENTED JULY 28, 1903.

A. BAUER.
BOX.

APPLICATION FILED JUNE 23, 1902.

NO MODEL.

2 SHEETS—SHEET 2.



Witnesses:

H. S. Gritter

Helen L. Pick

Inventor:

Alex Bauer

by Wm. J. Bell
Atty.

UNITED STATES PATENT OFFICE.

ALECK BAUER, OF CHICAGO, ILLINOIS, ASSIGNOR TO BAUER & BLACK, OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

BOX.

SPECIFICATION forming part of Letters Patent No. 735,013, dated July 28, 1903.

Application filed June 23, 1902. Serial No. 112,807. (No model.)

To all whom it may concern:

Be it known that I, ALECK BAUER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have
5 invented certain new and useful Improvements in Boxes, of which the following is a specification.

This invention relates to novel improvements in boxes, and is particularly adapted
10 for holding rolls of sterilized gauze and other materials of similar character, although it may be used for many other purposes with equally satisfactory results.

It is desirable that gauze which has been
15 sterilized and packed should be handled as little as possible and protected from dust and the outside air to preserve its asepticity. Heretofore the rolls of gauze have been kept in boxes or jars, from which they must be re-
20 moved to cut off strips of the desired length. This subjects the roll of gauze not only to considerable handling, but also necessitates such exposure of the gauze as will tend to impair, if not wholly destroy, the result of the sterili-
25 zation, and the use of such material after being so exposed would be attended with more or less danger of infection.

It is my object to provide a box constructed to constantly protect the roll of gauze and
30 permitting the gauze to be drawn therefrom without exposing or requiring that the roll be handled, whereby the aseptic condition of the gauze may always be maintained.

Another object is to provide a folding pa-
35 per box of novel construction with an inside and outside cover and means for locking the inside cover, so that it will not open while the box is made up.

I have illustrated the invention in the ac-
40 companying drawings, in which—

Figure 1 shows a blank ready to be folded. Figs. 2 and 3 show the box in process of formation. Fig. 4 is a perspective view of a box differing in construction from that illustrated
45 in the preceding views, but showing the manner in which the roll of gauze is concealed and protected by the inside cover when the outside cover is open. Fig. 5 shows both covers of the box illustrated in Fig. 4 open.
50 Fig. 6 illustrates a further embodiment of the invention.

Referring to the drawings, in which like numerals of reference designate correspond-
ing parts in the several figures, and particu-
larly to Sheet 1, 10 designates the outside 55
cover, 11 the back, 12 the bottom, 13 the front, and 14 the inside cover, of the box embodying my invention and adapted to be folded one upon the other in the manner shown in Figs. 2 and 3. The bottom 12 is
60 provided with rectangular ends 12', and the inside cover 14 is provided with ends 14', cut to form tongues 14'', which are arranged to enter slits 12'' in the ends 12' and effect lock-
ing engagement therewith. In the particu- 65
lar embodiment of the invention shown on Sheet 1 of the drawings the ends 14 are cut out in V shape at 15, and the tongues are angularly directed, so that they will engage with the back end wall of the slits 12'' to
70 lock the inside cover 14 and prevent it from being raised to uncover the roll of gauze 16. The back 11 is provided with ends 11', cut to form tongues 11'', which are adapted to enter slits 13'' in the ends 13' on the front 13. 75
The box is thus provided at each end with a double lock, the ends on the inside cover and bottom being engaged to form an inner lock, Fig. 2, and the ends on the front and back being engaged to form the outer lock, Fig. 3, 80
so that the box will be securely held together with the inside cover locked to prevent it from being raised to disclose the roll in the box. The outside cover 10 is provided with
85 side flaps 10' and a locking-flap 17, provided with a tongue 18 to enter a slit 17' in the front 13. The depending side flaps 10' are arranged to enter between the ends 11' and 13', and, with the locking-flap 17, they effectually prevent dirt from entering the box at the
90 back and end edges of the inside cover.

The roll of gauze 16 is, with a box of the character just described, placed upon the blank and the latter folded up into finished form
95 thereon, and when completed the outer end 16' of the roll will be allowed to extend up between the back 11 and the depending flap 19 on the inside cover, so that it can be readily pulled out without raising the inside cover, as required. The gauze will be cut
100 off close to the inside cover each time, so that only a small portion will remain exposed, and

this will lie between the inside and outside covers when the latter is closed.

It will of course be apparent that a box can be made embodying the double-cover arrangement with a variety of end locking constructions, and it will be understood that I do not limit myself to the use of the double cover with the particular construction of box shown on Sheet 1, but may also embody it in boxes which are otherwise locked when folded. On Sheet 2 of the drawings I have illustrated another locking arrangement in which the bottom 20 is provided with an end flap 20', cut away, as shown in Fig. 5, to permit the tongue 21'' on the end 21' of the back 21 to enter the slit 22'' in the rectangular end 22' on the front 22. The inside and outside covers for this box are shown constructed in substantially the same manner as heretofore described, with the exception that the locking-flap 17 is provided with two locking-tongues 23 to enter corresponding slits 23' in the front, and the inside cover is provided with side flaps 25, which do not interlock with the end. I may use side flaps constructed to fit snugly between the front and back, as designated by 27 in Fig. 6, in which case the inside cover will be locked while the front and back are locked. This box can be formed and the roll of gauze inserted afterward.

It is apparent that the box may be made on the roll of gauze or completed to receive the roll afterward, as shown by the two boxes illustrated and described, and it will be understood that I reserve the right to make changes in the form and proportion of parts and details of construction within the scope of the invention.

While the box is particularly adapted for holding sterilized gauze, it is not confined to use with this particular material, but may be employed with other materials with like results.

The inside cover of my improved box effectually and at all times protects the roll of material within the box, and it may be held in place by constructing the box in any desired manner. The inside cover is arranged to fit close to the back, and the outside end of the roll will be held securely between the depending flap 19 on the inside cover and the back of the box, so that it will not slip down into the box. By inclosing and concealing the roll in a box in this manner the roll will be protected against handling, for the box itself can be held with one hand and the strip of gauze pulled out to the proper length in the same manner as the roll would be held for this purpose.

The use of a box of this character is particularly desirable for medicated fabric materials, as it enables the material to be, to all intents and purposes, sealed at the factory immediately after it is made and kept in this protected manner until used up, and although

it is thus securely protected strips can be cut off as required without exposing the roll.

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

1. A box comprising an inside cover arranged to form a closure for the box but leaving a narrow opening between one edge thereof and the adjacent side of the box, whereby the box is adapted to contain a roll of material and have one end thereof passed upward through said opening and held by the inside cover and the adjacent side of the box from slipping back into the box, and an outside cover connected with the side of the box between which and the inside cover the material passes and arranged to fold upon and inclose the inside cover and the exposed end of the material.

2. A box adapted to contain a roll of material and comprising an inside cover attached to the front of the box and arranged to form a closure for the box to protect the roll of material therein, a depending flap at the back edge of the inside cover arranged to enter the box and lie adjacent to the back of the box but permitting the material on the roll to be drawn up between itself and the back of the box and operating to prevent the material from slipping back into the box, and an outside cover arranged to fold upon and inclose the inside cover.

3. A box adapted to contain a roll of material and comprising an inside cover arranged to protect the roll of material therein and permit the material to be drawn up from the roll between itself at one edge and the adjacent portion of the box, end locks for the box to prevent the inside cover from being raised, and an outside cover for inclosing and protecting the inside cover.

4. A box provided with an inside cover, interlocking ends for the front, bottom and back of the box arranged to prevent the inside cover from being raised, depending flaps at the free edges of the inside cover, an outside cover arranged to fold upon and inclose the inside cover and provided with depending end flaps, and a locking-flap provided with a tongue to enter a slit in the front of the box.

5. A folding box comprising a front, bottom and back, an inside cover and an outside cover, interlocking ends on its inside cover and bottom, interlocking ends on its front and back, the front side edge of the inside cover and the top edge of the front being connected, a flap on the back edge of the inside cover extending down into the box, end flaps on the outside cover, and a locking-flap on the front edge of the outside cover.

ALECK BAUER.

Witnesses:

WM. O. BELT,
HELEN L. PECK.