

(No Model.)

F. ARMBRUSTER.

MANUFACTURING HANDLES FOR TRAVELING BAGS.

No. 326,471.

Patented Sept. 15, 1885.

Fig. 1.

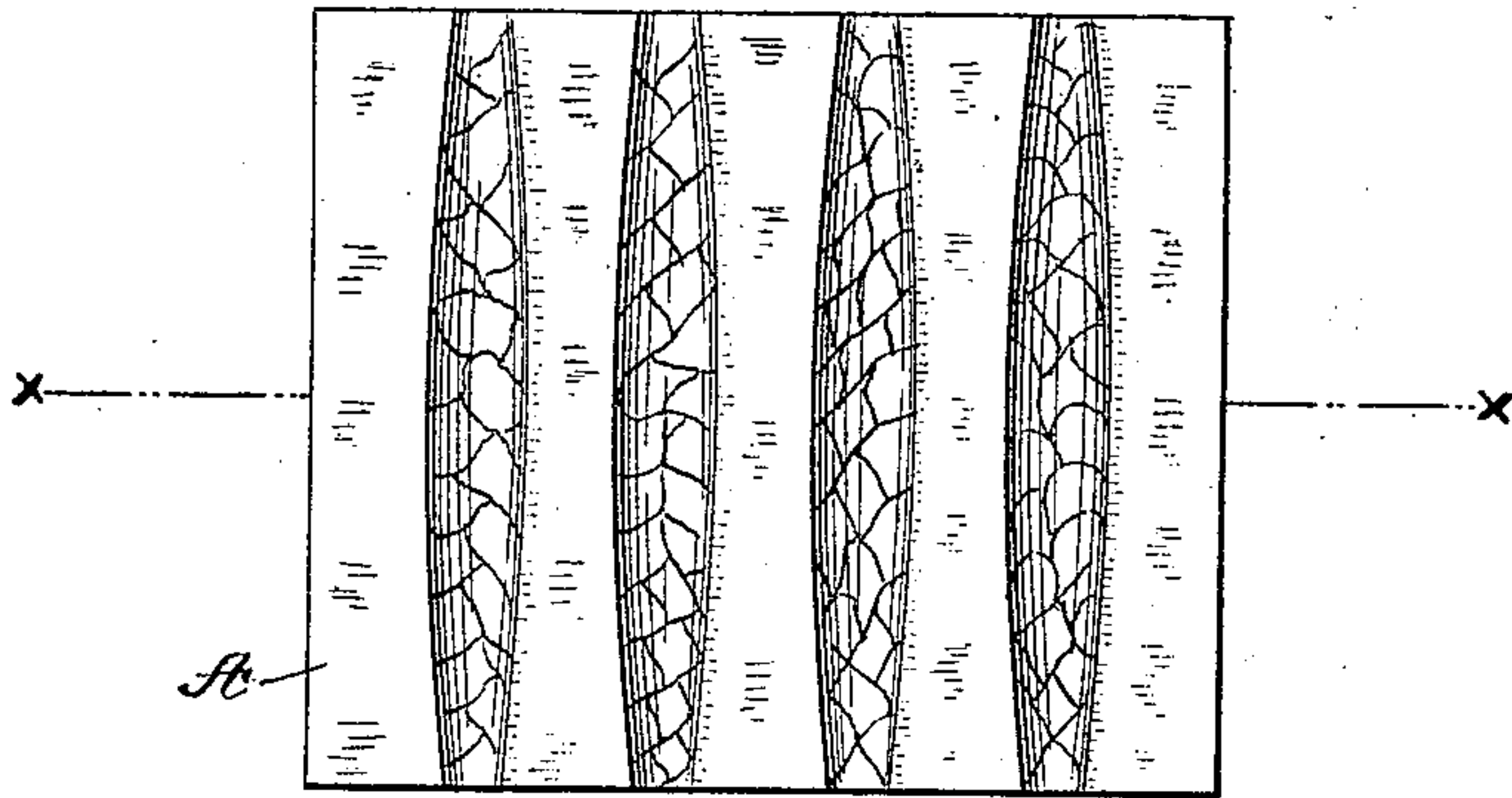


Fig. 2.

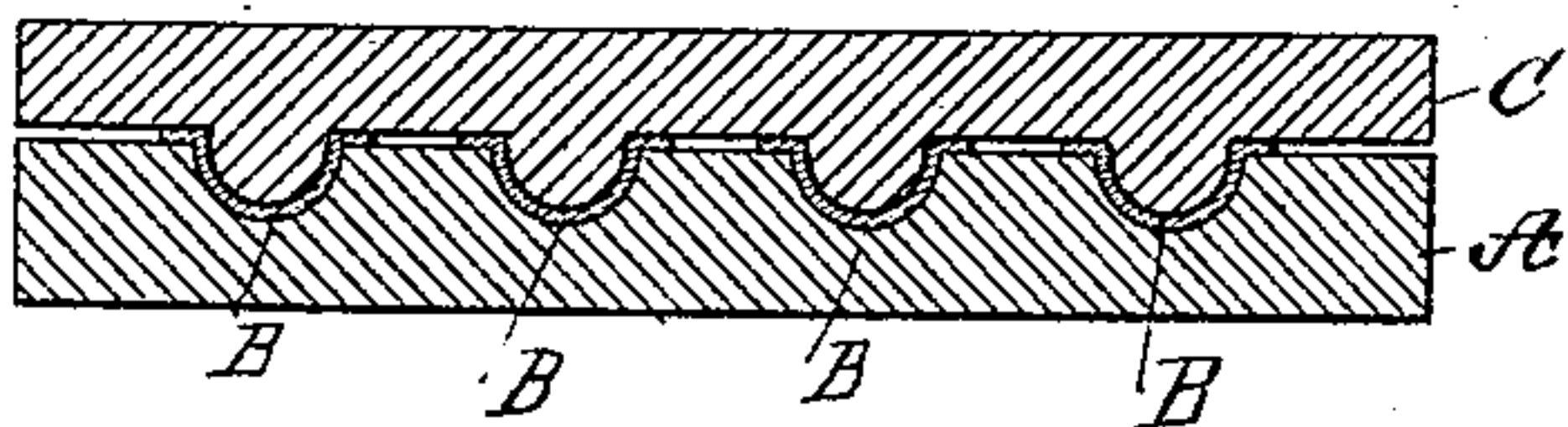


Fig. 3.

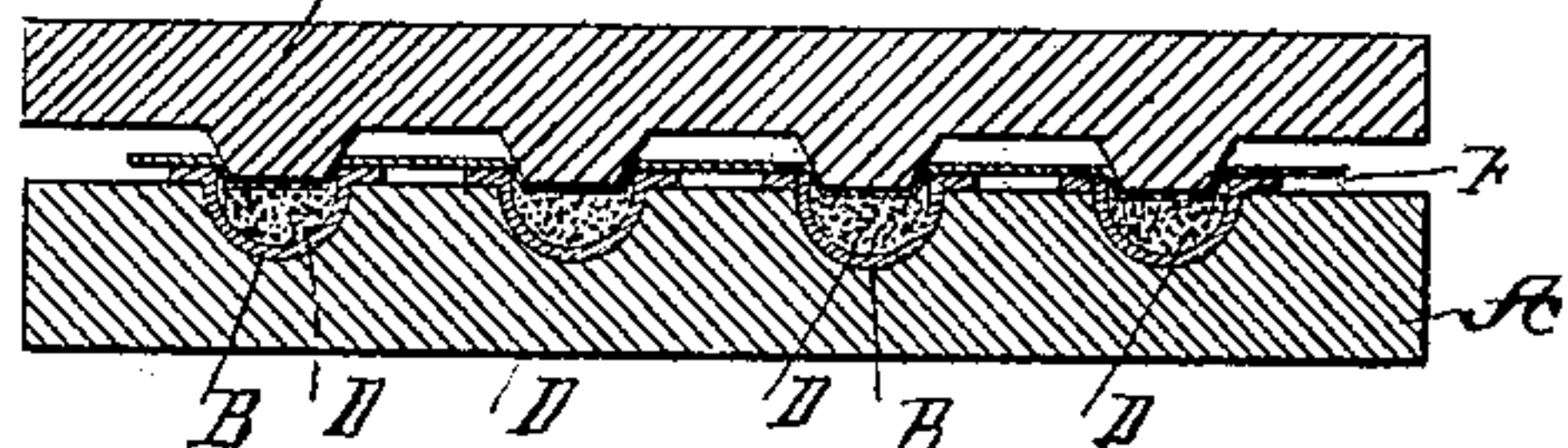


Fig. 4.

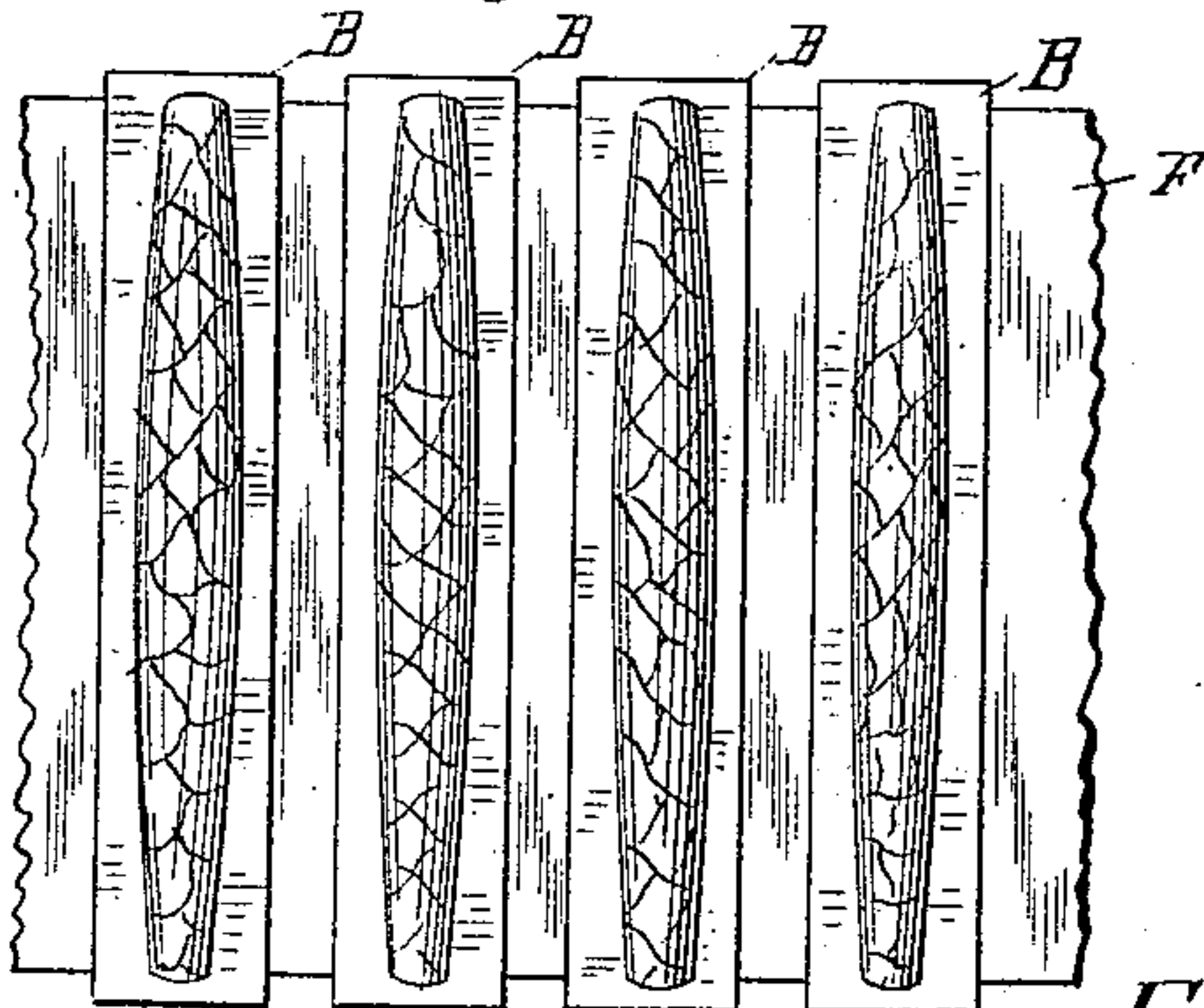


Fig. 5.

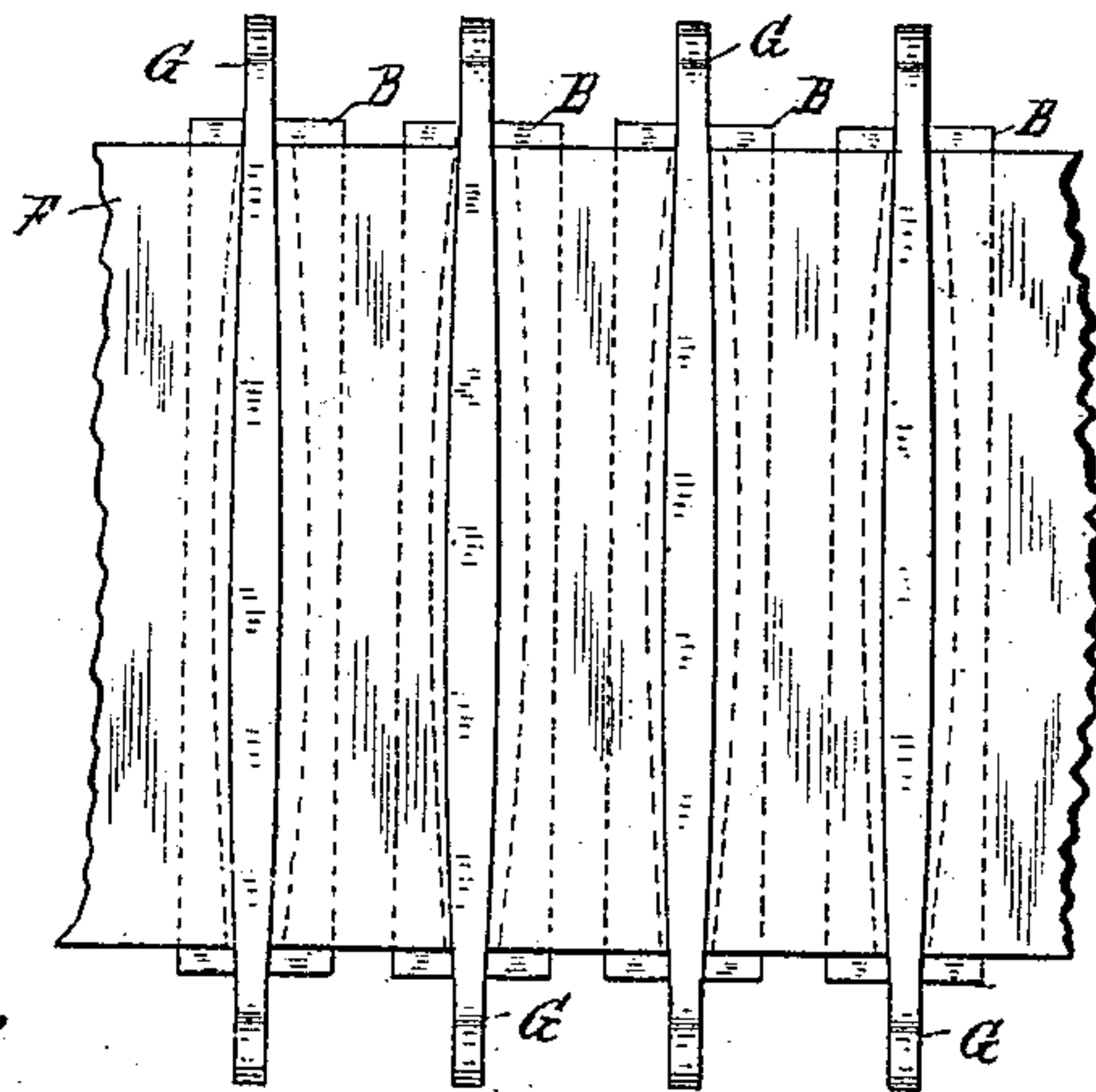
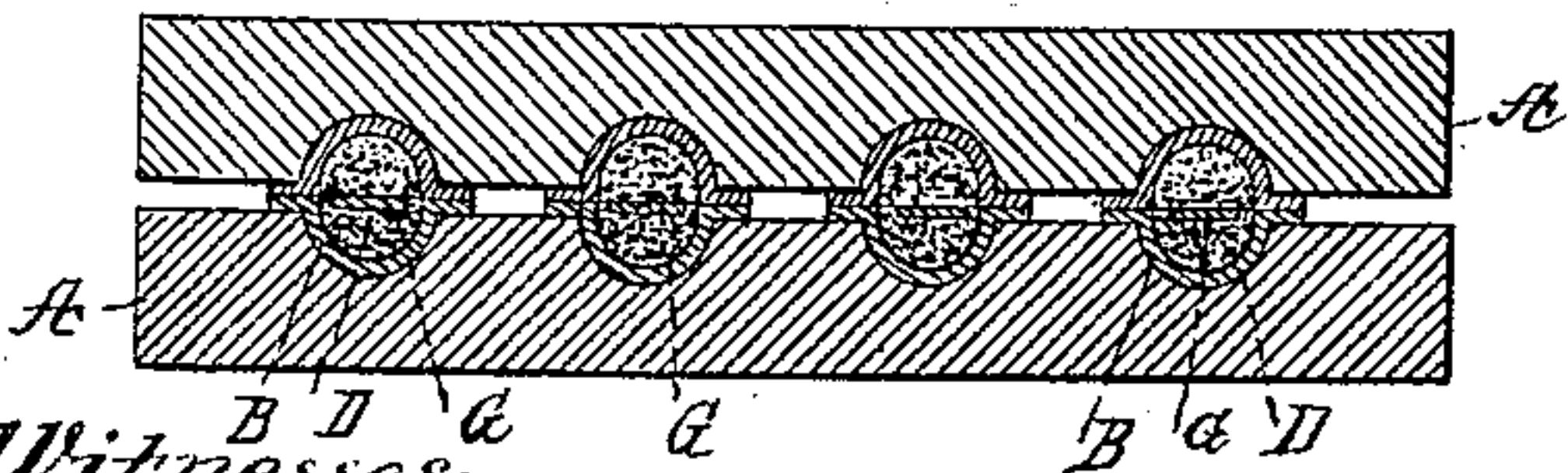


Fig. 9.



Fig. 6.

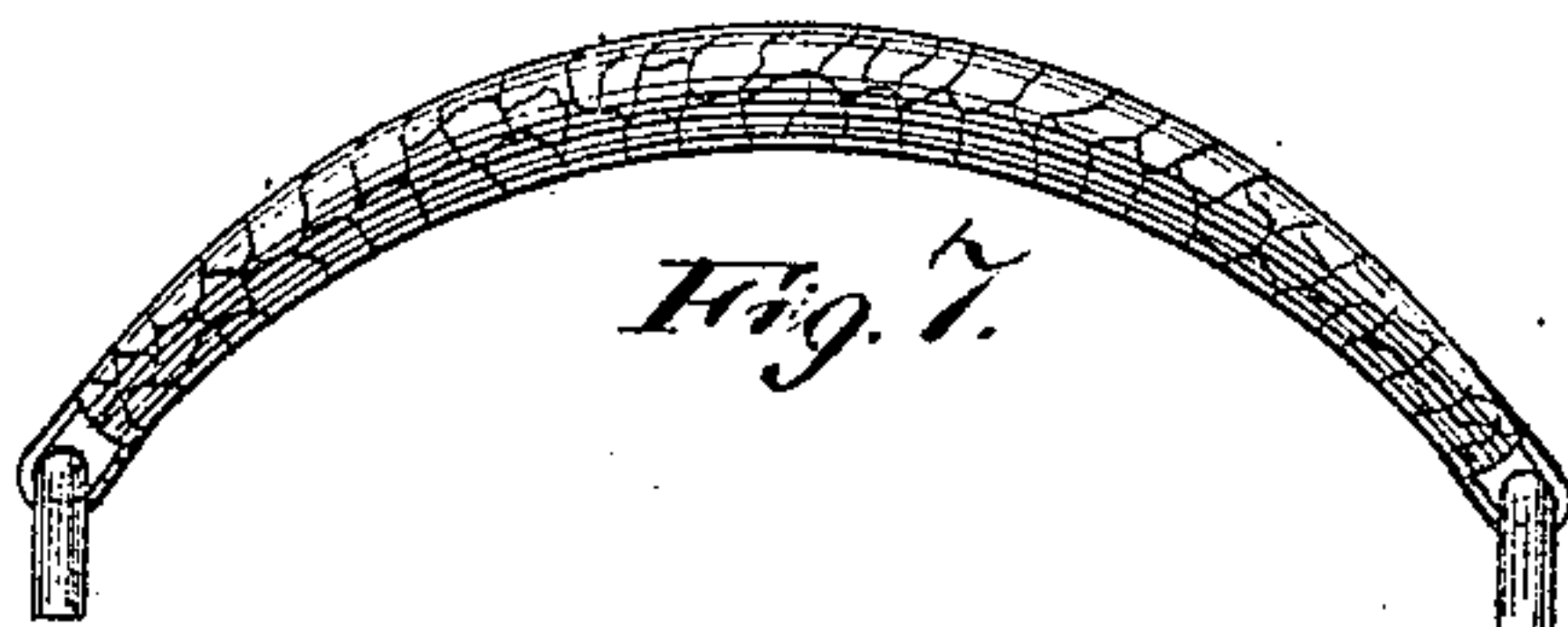


Witnesses:

Gabriel J. W. Galster.

Geo. Wheelock

Fig. 7.

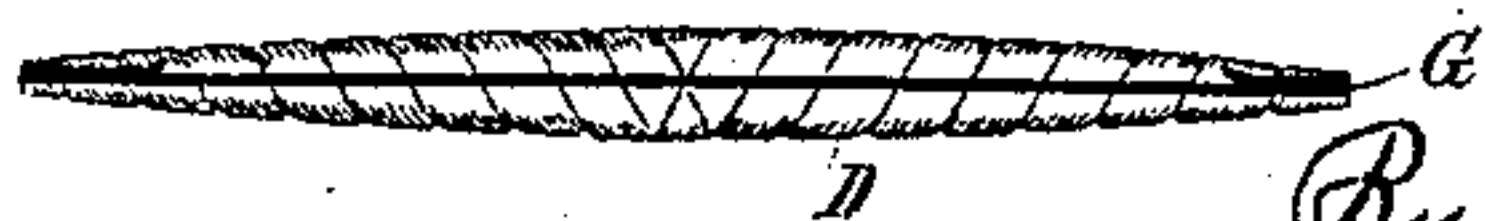


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Fig. 8.



UNITED STATES PATENT OFFICE.

FREDERICK ARMBRUSTER, OF NEW YORK, N. Y.

MANUFACTURING HANDLES FOR TRAVELING-BAGS.

SPECIFICATION forming part of Letters Patent No. 326,471, dated September 15, 1885.

Application filed April 18, 1885. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK ARMBRUSTER, of the city of New York, county and State of New York, have invented a new and useful Method of Manufacturing Handles for Traveling-Bags and other Purposes, of which the following is a specification.

My invention relates to a new and much cheaper method of making these handles than any now known or used in the trade, and contemplates turning out in a single operation any number of these handles ready for stitching.

My invention consists in providing molds of any desired size, said molds being constructed preferably of metal, in which I place the pieces of leather which are to form the outer cover of the handle. The surface of the molds may be provided with ridges in imitation of alligator-skin, so that when the leather has been pressed against it the ridges on the molds will form depressions in the leather, thus producing an article which resembles leather made from alligator-skin. This, however, is not an essential part of my invention. A roll of twisted rope or hemp and paper is inserted, and pressure from the male die or mold again applied. The latter is then removed and a strip of paper large enough to cover a series of molds is glued over and pressed down upon the several blanks. This strip of paper may or may not be employed, as I may deem fit, as it is not necessarily a component part of my invention. When the filling has been duly pressed into place within the leathern blank, a core consisting of a strip of sheet metal—such as tin—is laid in the space occupied by the male die before its removal, and another half-handle is laid over upon the same. The two are then stitched together at the sides, forming thereby a complete handle.

The aforesaid metallic core of the handle may be doubled upon itself at each end for the purpose of forming loops for embracing the rings by which it is secured to the bag-frame.

The core may be omitted altogether, if desired, and the clips or fastening devices may be secured in the ends of the handle in any suitable manner.

Referring to the accompanying drawings, which form a part of this specification, Fig-

ure 1 represents a plan inside view of the female die or mold. Fig. 2 is a transverse sectional view of the male and female dies in position stamping the blanks. Fig. 3 is a similar view of the dies, showing the handles in the second stage of manufacture, and where the fillings have been inserted and are being compressed. Fig. 4 is a plan view of the material as it leaves the dies shown in Fig. 3. Fig. 5 is a plan view of the reverse side of that shown in Fig. 4. This view shows also the metallic cores having been laid in. Fig. 6 shows the parts assembled and pressed into position relatively to each other. Fig. 7 is a view of the handle complete. Fig. 8 is a side view of a filling having a leather core. Fig. 9 is a plan view of a stitched handle.

In the drawings, A represents the female die, in which are placed the blanks B to be pressed into shape. C is the male die superimposed above the other, to which pressure is applied when shaping the blanks B. These parts are illustrated in Fig. 2.

D are fillings inserted in the blanks B and pressed therein by male dies E. These fillings may be made in any suitable manner and shape; but my preferred form is employing rope or hemp and winding a strip of paper around it as a binder. Paper strips F may also be employed to hold the several half-handles together in series. These strips are glued to the blanks when they are employed; but they are not a necessary part of my invention. At this stage of the process the metallic cores G are laid in, as shown in Fig. 5. These cores, which consist of strips of tin or any other suitable metal, are doubled upon themselves at each end for the purpose of forming loops for embracing the rings by which the handles are secured to the bag-frame. These metallic cores, however, may be omitted or modified by employing clips at each end of the handle and suitably secured thereto, and also attached to the satchel-links, as shown in Fig. 7.

When the blanks or halves are to be united, they are arranged, as shown in Fig. 6, one above the other and back to back. Duplicate female dies are utilized in this instance for centering them relatively to each other and for pressing them in closer contact. They are then

removed from the dies and stitched together at the edges, as shown in Fig. 9, after which the handle can be given any suitable form or shape by merely bending it, the metallic core
5 being sufficient to retain it in any position desired. Where, however, the core is not employed, the shaping of the handle can be accomplished when it is being stitched.

10 In place of metal cores I may and do employ in some cases a strip of leather running through the handle, and attach the clips to the ends of these leather strips.

I also contemplate turning out the fillings independent of the handle-covers, as shown in
15 the detail view in Fig. 8. Here the two fillings have been pressed into shape with a leather core between them. The leather is provided with loops at the end for the accommodation of the clips. In this manner they
20 may be disposed of to a certain class of the trade who desire to sew on such covers as will suit their own special convenience and demands.

The leather core may also be attached to only one of the fillings, while the accompanying
25 filling is loose from it. This will produce a more convenient arrangement for attaching the clips; or these parts may all be joined together and the clips sold with them.

Having thus described my invention, what I claim as new therein, and desire to secure by
Letters Patent, is— 30

1. The method of forming handles for traveling-bags, satchels, &c., which consists in stamping the half-covers into shape by means of male and female dies or molds, then filling
35 the blanks so formed with rope or hemp and paper suitably twisted and shaped, securing the metallic fastening-clips between them, removing the pressed halves and centering them, and finally stitching the halves together, 40 as set forth and shown.

2. The method of forming handles for traveling-bags, satchels, &c., which consists in stamping the half-covers into shape by means of male and female dies, then inserting the
45 filling in these blanks and applying pressure a second time by means of the dies, and finally in folding the halves together back to back and stitching them at the edges, as set forth.

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Witnesses:

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