

(No Model.)

A. A. LYTLE.
PEN AND PENCIL HOLDER.

No. 485,552.

Patented Nov. 1, 1892.

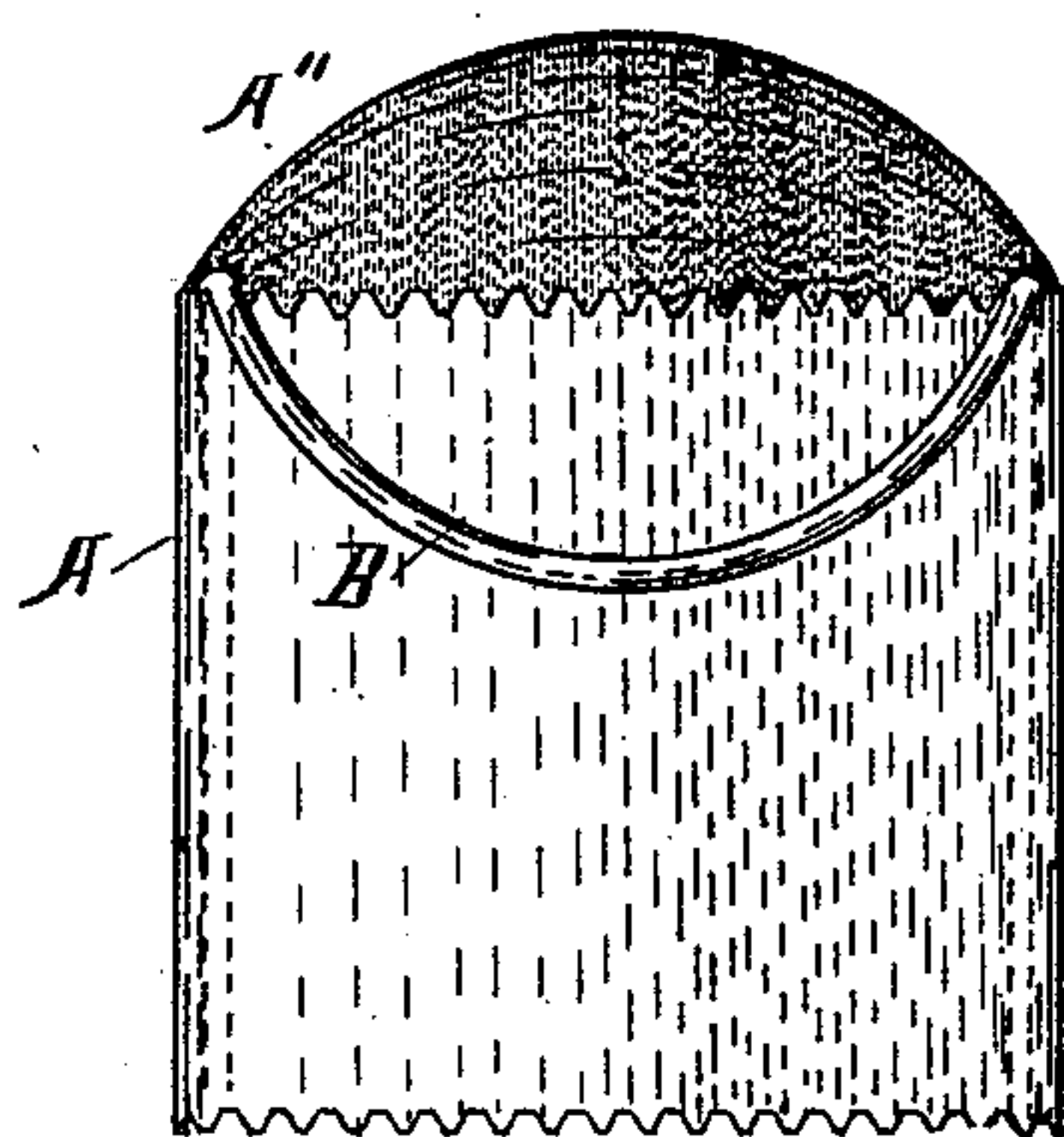


Fig. 1.

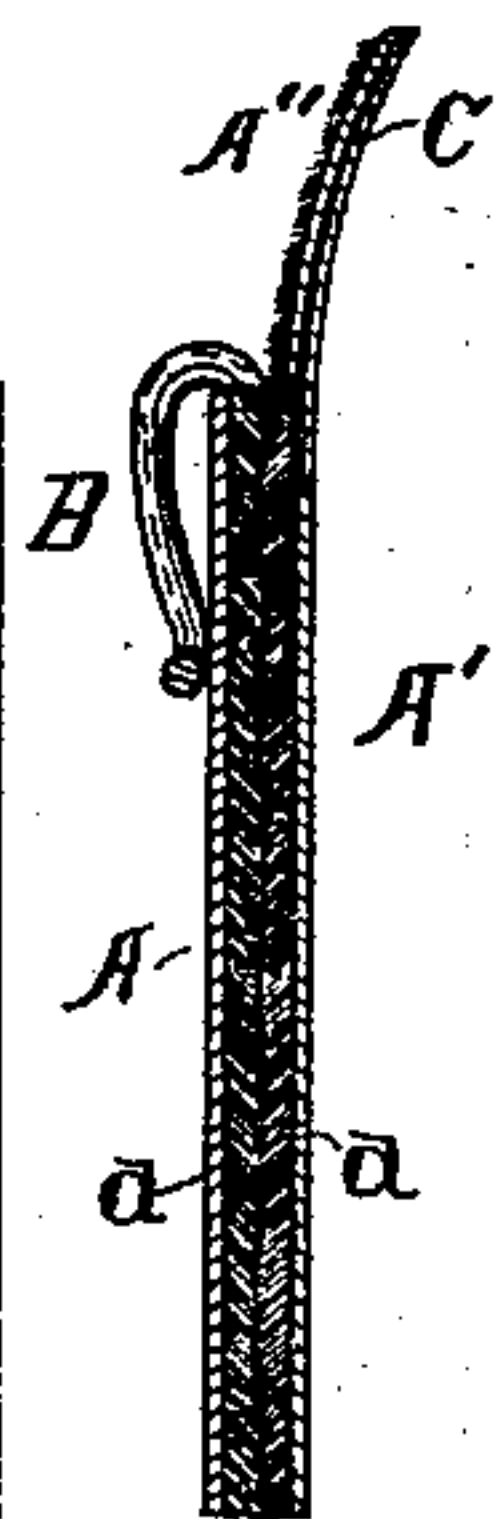


Fig. 2.

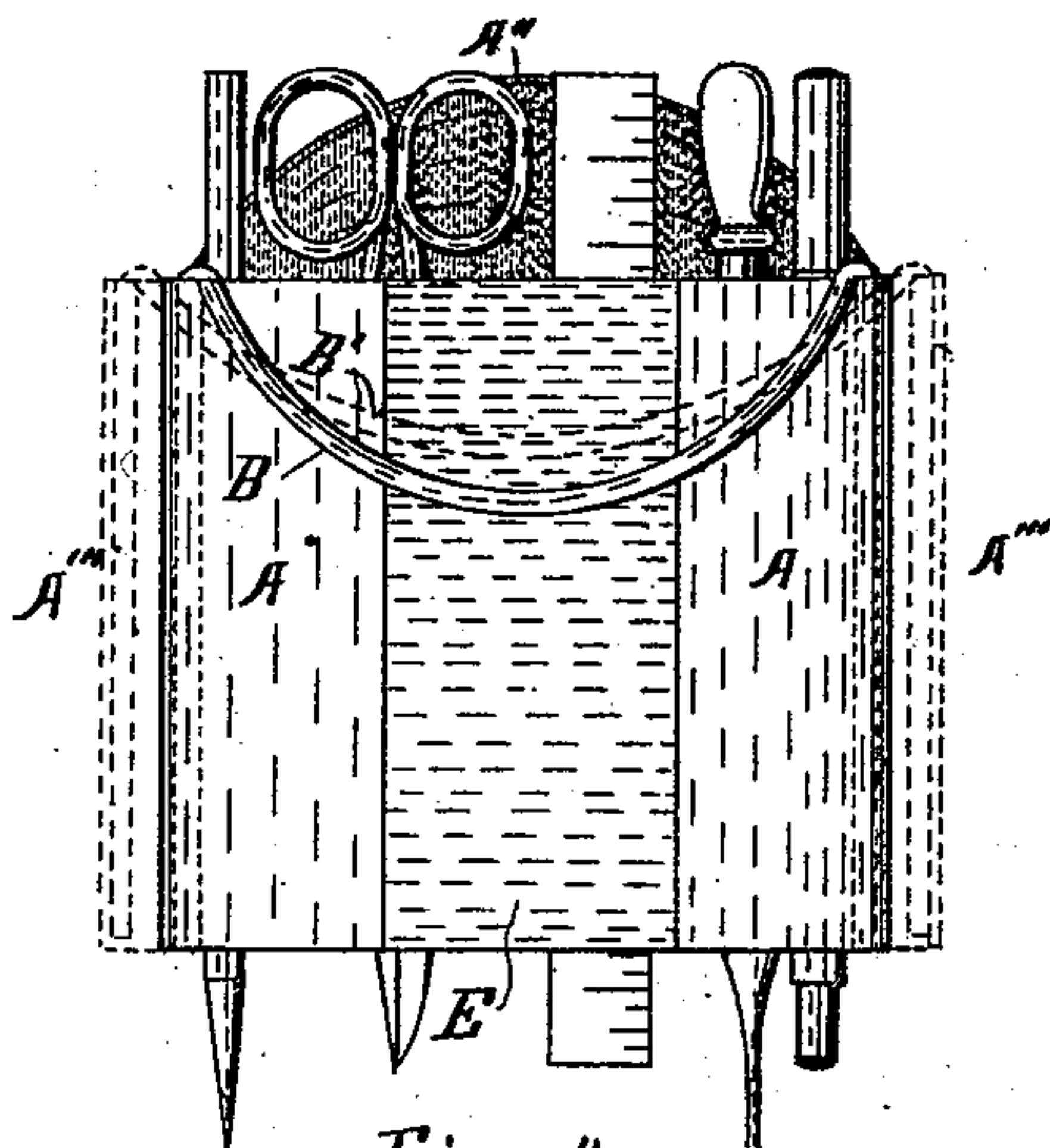


Fig. 4.

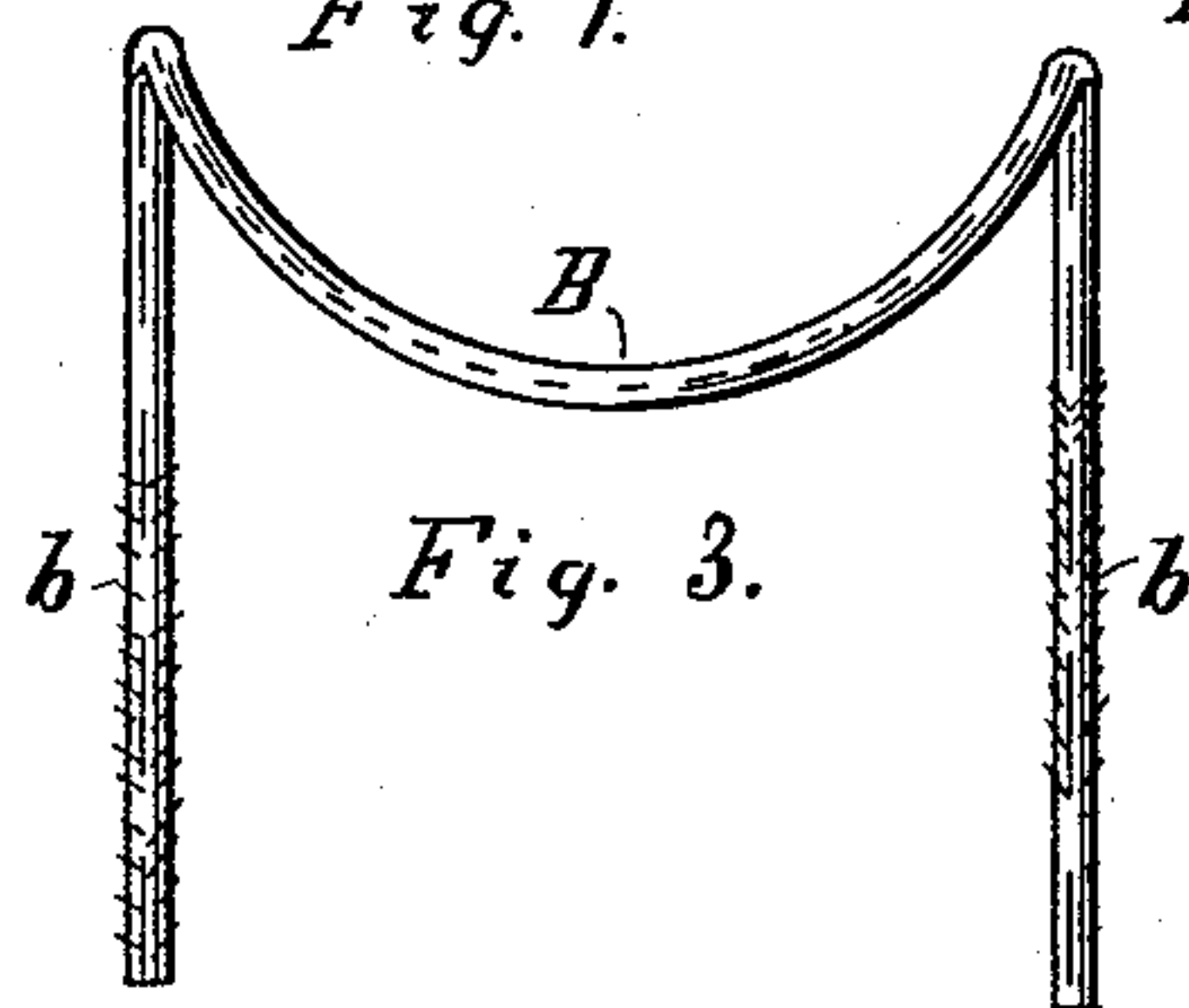


Fig. 3.

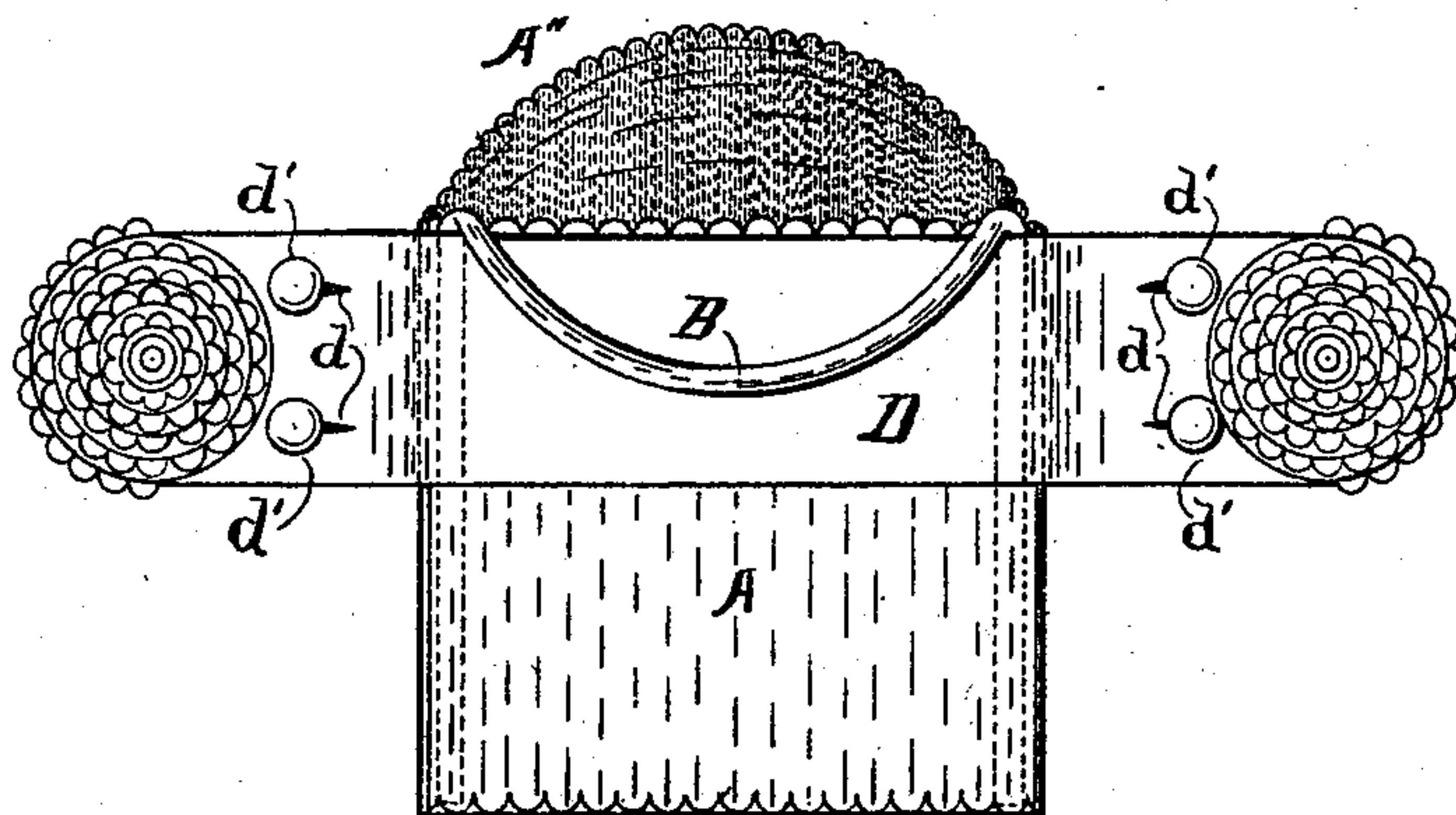


Fig. 5.

WITNESSES:

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UNITED STATES PATENT OFFICE.

ALTON A. LYTLE, OF GRAND RAPIDS, MICHIGAN, ASSIGNOR OF ONE-HALF
TO ANDREW ALLGIER, OF SAME PLACE.

PEN AND PENCIL HOLDER.

SPECIFICATION forming part of Letters Patent No. 485,552, dated November 1, 1892.

Application filed May 23, 1892. Serial No. 434,082. (No model.)

To all whom it may concern:

Be it known that I, ALTON A. LYTLE, a citizen of the United States, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Pen and Pencil Holders, of which the following is a specification.

My invention relates to improvements in appliances for securing and carrying pens, pencils, pen-fillers, scissors, rules, or any other small tool desirable to carry in a convenient and safe manner in the vest-pocket; and its objects are, first, to provide a device for carrying pens, &c., that will safely hold articles of different sizes or thicknesses side by side without danger of either falling out of the pocket; second, to provide a device for carrying pens, &c., in the vest-pocket with which the article cannot stick up or work out of the pocket; third, to provide a device for carrying fountain-pens, &c., in the vest-pocket that will absorb any ink that may leak from the pen and prevent it from discoloring the vest or other clothing; fourth, to provide a device for carrying pens, &c., in the vest-pocket that may be adjusted to the width of any vest-pocket, and, fifth, to provide a device for holding pens, &c., that may be attached to the vest or other garment without a pocket. I attain these results by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a front elevation of my device. Fig. 2 is a vertical cross-section of the same. Fig. 3 is the spring or guard detached. Fig. 4 is an elevation of my device having an elastic strip inserted, so that the holder may be made to fit snugly edgewise in any-sized vest-pocket; and Fig. 5 shows my device provided with a means for attaching the holder to the outside of a garment.

Similar letters refer to similar parts throughout the several views.

I construct the body of my device in two parts, a front A and a back A', of plush or other material having one brushy surface the threads of which are all inclined in one direction at a sharp acute angle with the surface of the fabric, so that when the front and back of my device are brought together the plush or projecting threads, hair, or whatever it may be lined with will always incline downward,

as shown in Fig. 2, so that when a pen or any article is drawn up out of the holder it will be necessary to draw against the bracing ends thereof, which has a tendency always to hold them down and avert the danger of their working out by the motion of the body.

The back of the holder extends above the front, as at A'', and is thrown or curved back and provided with a stiffening material, as C in Fig. 2, that is inserted in or attached to the back and holds it off from a perpendicular line for the purpose: first, of preventing it from falling forward and covering the opening of the holder and rendering one liable to insert the pen or other article back of the holder; and, second, to act as a guide against which the pen, &c., may come in contact and be guided into the holder without rendering it necessary to carefully adjust the holder for the reception of the pen each time it is inserted.

My appliance for attaching the holder to the pocket consists of a spring-wire guard or loop made of the form indicated in Fig. 3, so that the projecting arms *b b* will extend down the full length of the body of the holder and press out solidly against its edges and answer the double purpose, first, of stretching the holder and supporting it, and, second, of causing the back and front to be held together their entire size with an elastic firmness that will cause the instrument inserted to embed itself into the projecting threads of the plush, instead of forcing them apart, and thus insure an independent and perfect bearing for each instrument the entire length of the holder without necessitating the construction of partitions to form a receptacle for each individual pen, pencil, &c., inserted, which latter feature enables me to insert a greater number of articles in a given space than would be otherwise possible. To avert all danger of the holder sliding down off of the guard or support, I form a series of upwardly-inclined barbs along each arm, as at *b b* in Fig. 3, so that when they are drawn up out of the body the barbs will engage with the fabric sufficiently to avert any danger of the holder being forced down off of the guard by the exertion necessary to insert the pen, pencil, or other article. The front or body

portion B of this guard is thrown down, as indicated in the several views, and the lower portion is inclined back toward the body of the holder, as indicated in Fig. 2, so that
 5 when attached to the vest-pocket or other support it will clasp the support solidly between the guard and the body of the holder and render it necessary to exert a considerable force to remove it.

10 For the purpose of attaching my appliance to the outside of a garment—as a lady's dress or a gentleman's shirt when a vest is not worn—I provide a support D, which I attach to the garment by means of buttonholes *d d*
 15 in the support and buttons *d' d'* on the garment or by any other suitable means, as with pins, hooks, &c., so that the body of the holder may be placed between the support and the garment, with the guard outside of
 20 the support, as shown in Fig. 5, which indicates the exact manner of attaching the holder either in the vest-pocket or to the above-mentioned support, except that when inserted in the vest-pocket the entire body of
 25 the holder is covered, while in the drawings the lower portion shows below the support.

When constructing a holder designed to be adjusted to the width of the pocket, so that the entire width may be utilized for carrying
 30 the several implements desired, I insert an elastic section E between and secure it to the edges of the body of the holder, as shown in Fig. 4, so that it may be adjusted to various widths. I then give my guard sufficient scope
 35 and tensile strength to force itself out solidly against the edges of the pocket, as indicated by the dotted lines A''' and B' in this figure. When using this form of holder, it is not necessary that the front of the pocket should be
 40 clamped between the guard and the body of the holder, as in Fig. 5, as the pressure against the edges of the pocket is sufficient to hold it in position. I am, therefore, not restricted to the use of this particular form of spring, as
 45 any spring that will act to expand the holder edgewise to the full width of the pocket will come within the spirit of my invention, and even a simple plate of the proper width and shape may be used. In the construction of
 50 this style of holder I do not restrict myself to the use of a single elastic webbing extending the entire length of the holder or to the web-

bing attached to the front side of the holder, as it may be placed upon either side and the brushy surface of the plush outside, so that the
 55 instruments will be held between the plush and the wall of the pocket and still be within the scope of my invention, or it may be inserted at either or both edges of the holder.

Having thus fully described my invention, 60 what I claim as new, and desire to secure by Letters Patent of the United States, is—

1. In a pocket-penholder, a body having a flexible back and front united to form a loop, in combination with a plush lining upon each, 65 the projecting ends thereof inclining downward and pressed closely together, and a metallic spring having a downwardly-inclined bow B to form a guard and downwardly-projecting parallel arms extending the entire 70 length of the holder, substantially as and for the purpose set forth.

2. In a pocket-penholder, a body having a flexible back and front formed as a continuous loop, in combination with a plush lining 75 covering the entire inner surface, the projecting threads thereof inclined downward, an upward projection on the back, a stiffening material inserted and secured between the fabric of said projection, and a metallic spring 80 having a downwardly-inclined guard B and downwardly-projecting parallel arms *b b* of sufficient tensile strength to hold the holder firmly to position with the back and front pressed snugly together, substantially as and 85 for the purpose set forth.

3. The combination, in a pocket-penholder, of a body having a back of flexible material, with an elastic web inserted between its edges to form a continuous loop, a plush lining with 90 the projecting threads inclining downward, and a metallic spring, a loop, and downwardly-projecting parallel ends with sufficient tensile strength to stretch the elastic web so that the holder will adjust itself to the width of vari- 95 ous-sized pockets, substantially as and for the purpose set forth.

Signed at Grand Rapids, Michigan, this 18th day of May, A. D. 1892.

ALTON A. LYTLE.

In presence of—

ANDREW ALLGIER,
 ITHIEL J. CILLEY.