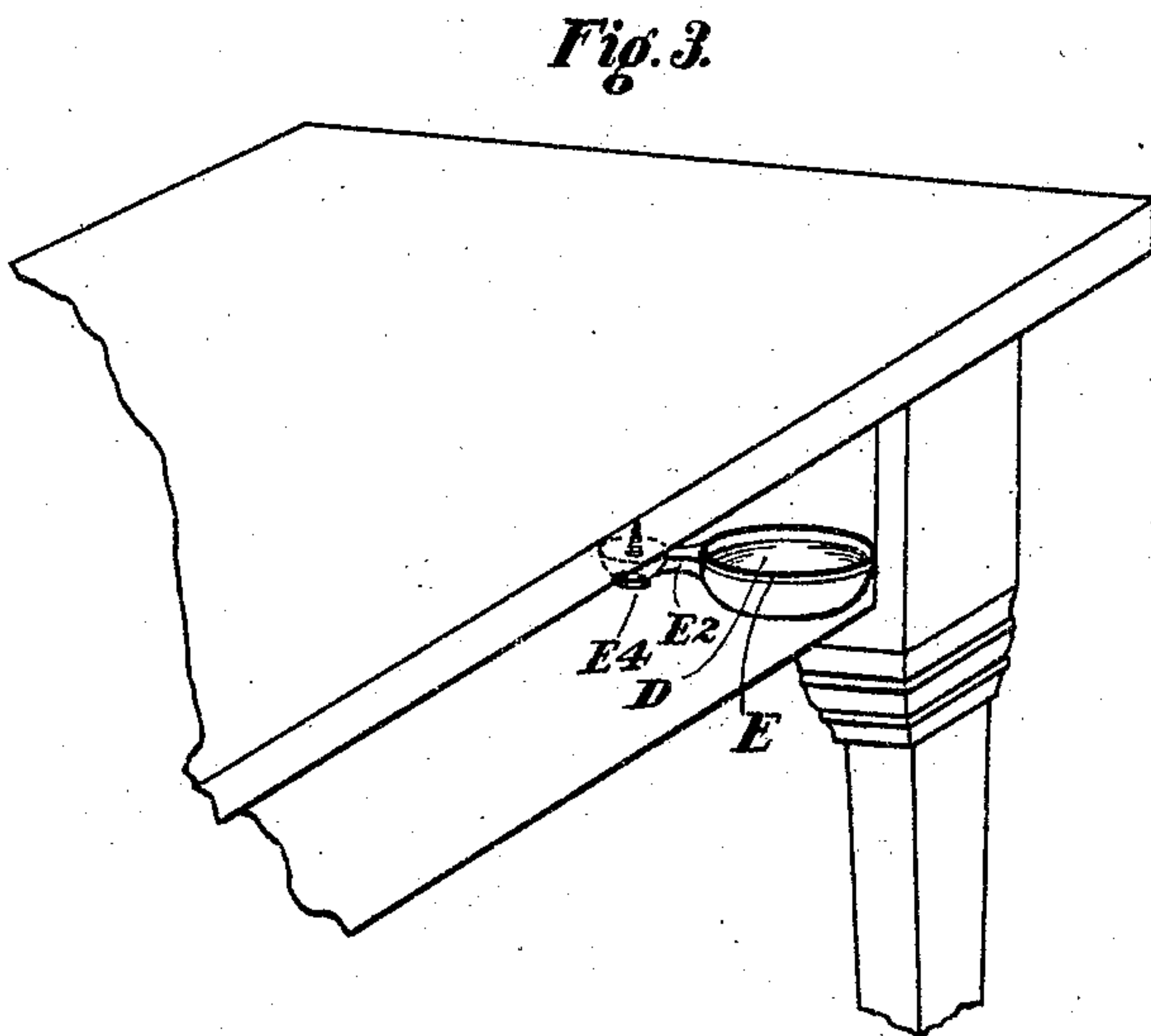
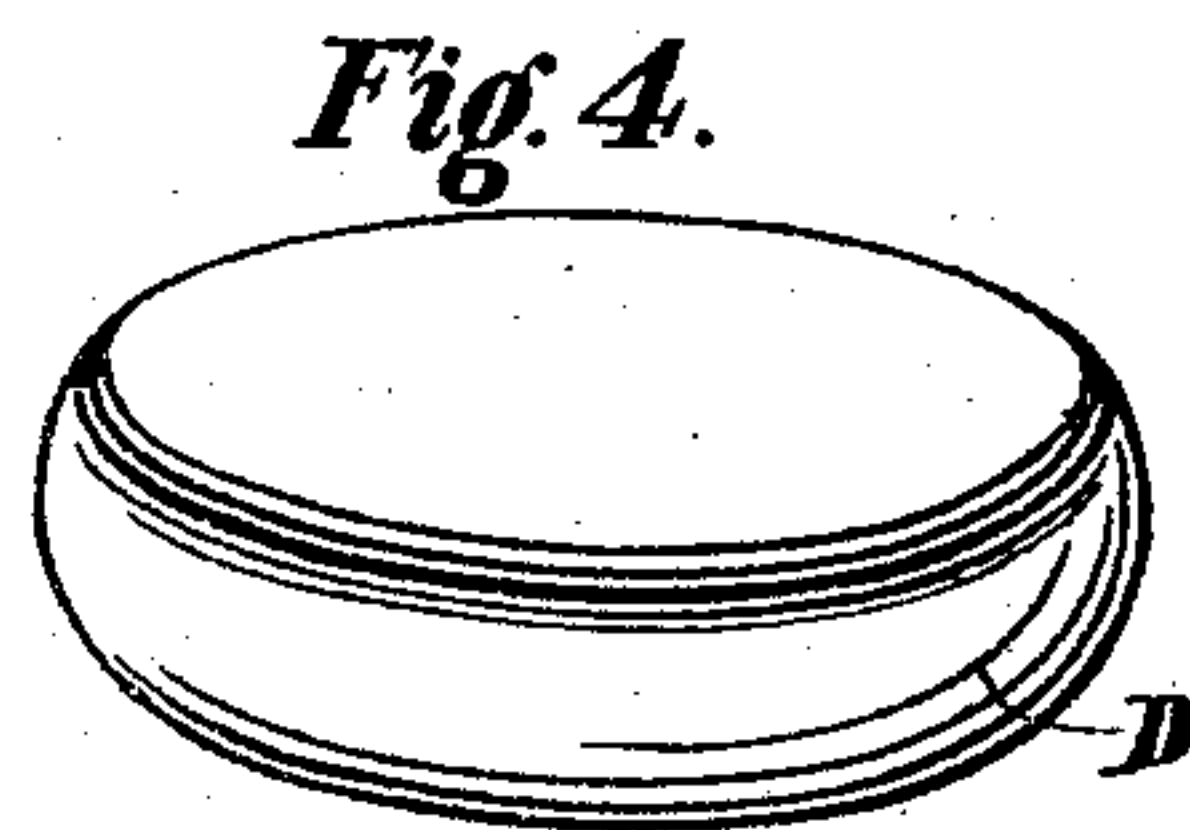
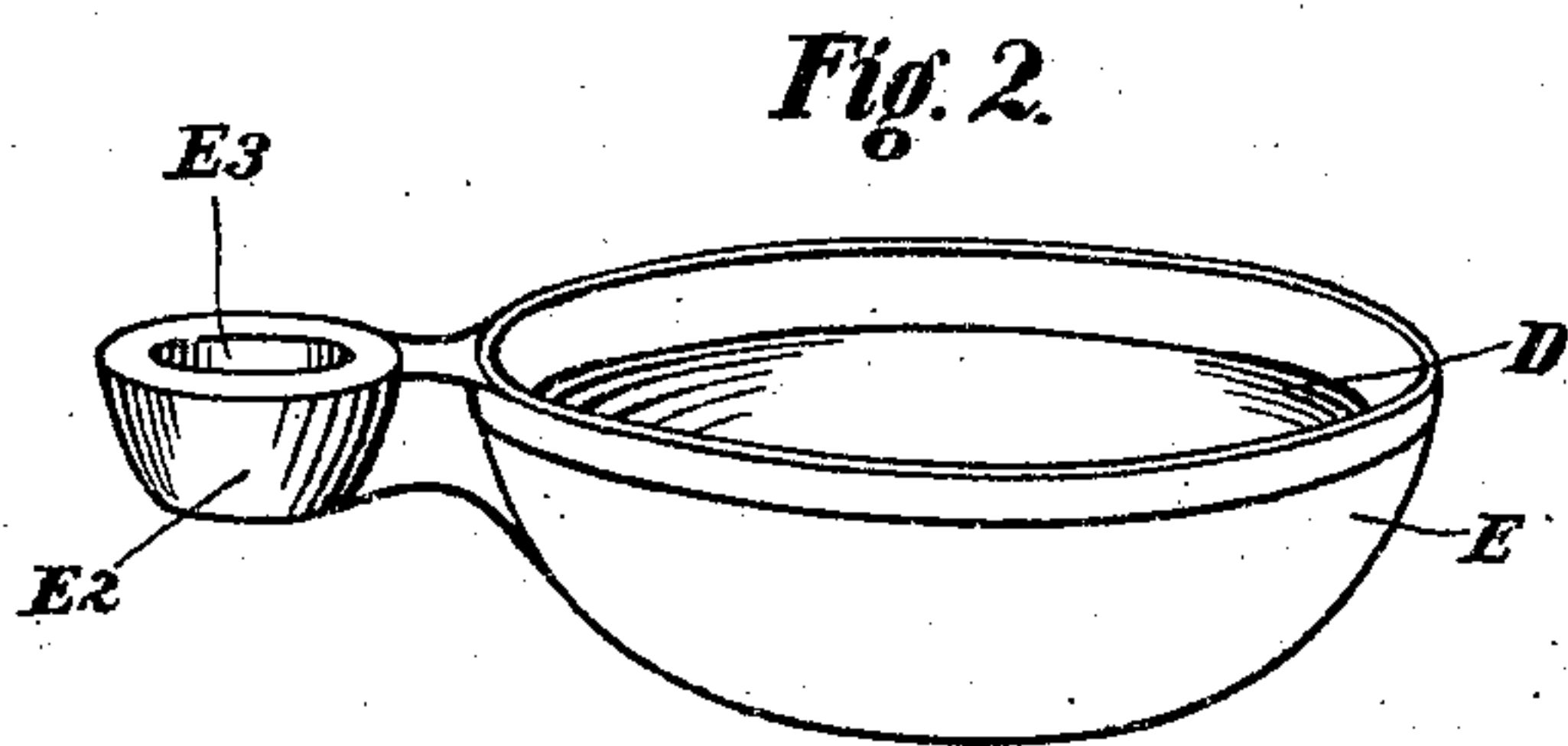
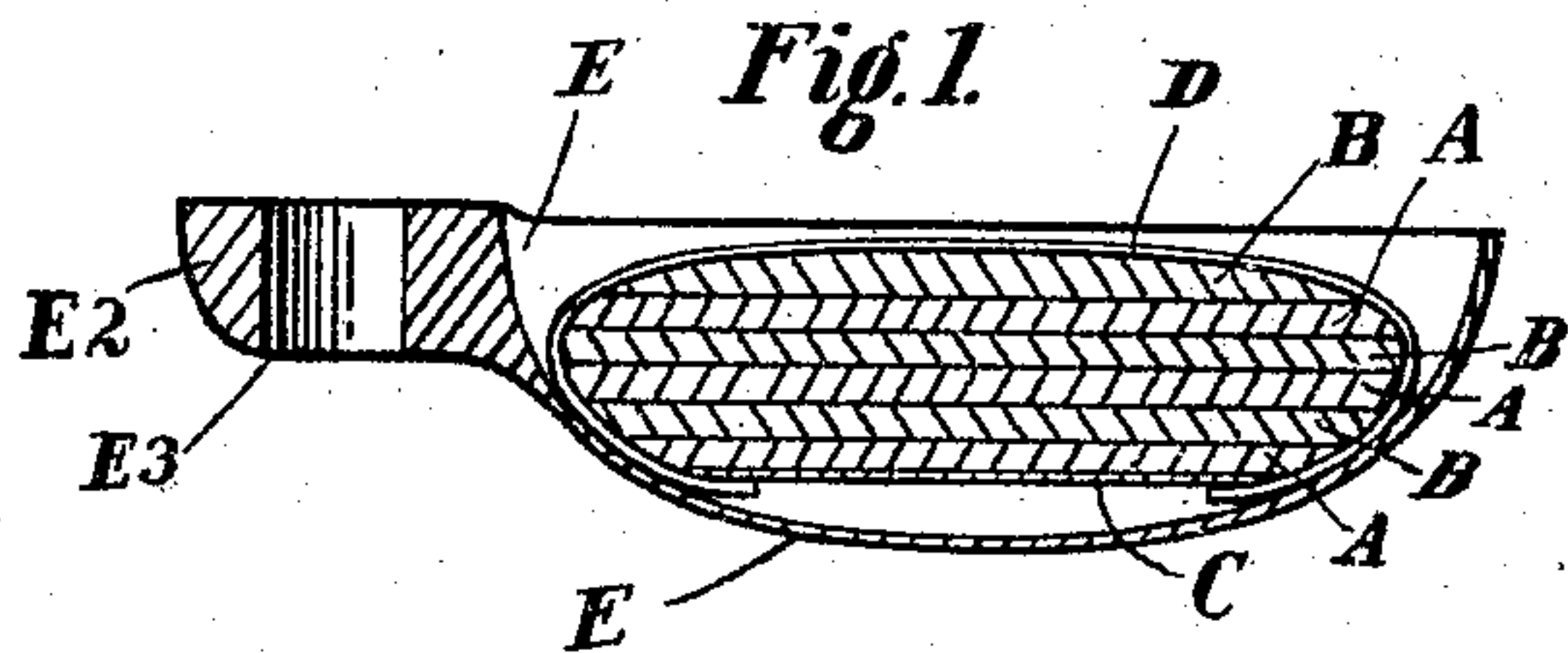


No. 772,039.

PATENTED OCT. 11, 1904.

A. R. HIRT.  
FINGER MOISTENING PAD.  
APPLICATION FILED APR. 20, 1903.

NO MODEL.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

ADAM R. HIRT, OF CINCINNATI, OHIO.

## FINGER-MOISTENING PAD.

SPECIFICATION forming part of Letters Patent No. 772,039, dated October 11, 1904.

Application filed April 20, 1903. Serial No. 153,544. (No model.)

*To all whom it may concern:*

Be it known that I, ADAM R. HIRT, a citizen of the United States, and a resident of the city of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Finger-Moistening Pads, of which the following is a specification.

One of the principal objects of my invention is to provide a finger-moistening liquid which, first, shall be colorless, transparent, and which shall not soil the fingers nor the article which the fingers are to handle; secondly, shall be durable—that is to say, shall not readily evaporate; thirdly, shall be a liquid adapted to cause the fingers to engage the article to be handled and yet shall not leave a greasy or sticky spot on the article; fourthly, shall be pleasant to the one using it.

Another object of my invention is to provide a pad specially constructed and adapted to retain this special moistening liquid.

Other objects of my invention will be hereinafter apparent.

I will now proceed to describe my invention in detail.

In the accompanying drawings, making a part of this specification, and in which similar letters of reference indicate corresponding parts, Figure 1 is a vertical central section of a pad adapted to absorb, retain, and deliver the moistening liquid and of a convenient holder for the pad. Fig. 2 is a view in perspective of the pad-holder. Fig. 3 is a view in perspective of the pad, a holder containing it, and a portion of a table, the holder being pivotally attached to the table. Fig. 4 is a view in perspective of a pad-holder, a holding-arm therefor being omitted.

This pad is composed of alternate layers B of cotton and layers A of chamois-skin. Proceeding from the bottom, I provide first a layer of chamois-skin A, then a layer of cotton B, next a layer of chamois-skin A, and next above a layer of cotton B, next above a layer of chamois-skin A, and next above a layer of cotton B. This is the preferred number of layers. I secure these layers together preferably as follows: Under the lowest layer of chamois I locate a thin wooden piece C. I inclose the layers of chamois

and cotton with a suitable textile fabric D. Cheese-cloth is preferred. This textile fabric is applied so as to inclose the layers of chamois and of cotton and to overlap the under side of the wooden piece C at the edges of the latter. I glue the textile fabric to the wooden piece where they come into contact. The cotton should be perfectly clean. Surgeons' "perfect absorbent" cotton is therefore preferred. The layers of cotton when applied are quite thick; but when the textile cover D is applied these layers are greatly compressed, so that their thickness relatively to that of the chamois-skin shall be substantially that shown.

The liquid I employ for moistening the fingers is a compound one, a mixture substantially as follows—to wit, the following ingredients in the proportions stated: oil of anise, ten pounds; oil of peppermint, five pounds; glycerin, four pounds; oil of wintergreen, sixteen pounds. These ingredients are thoroughly mixed. The resultant is a liquid which attains the objects mentioned in the opening portion of this specification. After a pad of the kind specified and of some two and one-half inches in diameter has been thoroughly soaked with this liquid the supply of liquid from the pad in constant use will last for some nine months. The liquid in the pad having then been exhausted, the pad will then need to be resoaked with the liquid.

My invention is of especial value to persons handling bank-notes and all other kinds of papers—plain, coated, enameled, and the like. Consequently it is useful for printers, as well as others handling paper. It is useful for compositors handling type. It is also useful for those handling cloths and for tailors and dressmakers, &c. It is exceedingly useful in aiding the operator to remove wrinkles or creases from fine silk and other textile fabrics.

The pad which contains the liquid can be located in any suitable vessel or holder and be upon the table or other convenient accessible support. A convenient holder for certain purposes is shown in the drawings. This holder consists of a bowl E, in which the moistening-pad is located. This bowl is provided with an arm E<sup>2</sup>, adapted to be connected



to the edge of a table, &c. This connection is preferably made by a pivot bolt or screw  $E^4$ , passed through the eye  $E^3$  of the arm  $E^2$ . When the pad is to be used, the bowl is swung  
5 out from under the table-top. When out of use, it is swung under the table-top.

What I claim as new and of my invention, and desire to secure by Letters Patent, is—

1. A device of the character described, comprising, in combination with a moistening  
10 liquid, a pad for absorbing the liquid consisting of alternate layers of cotton and chamois.

2. In a device of the type set forth, a holder, a pad therein comprising layers of chamois  
15 and cotton, a textile covering around said layers, and a moistening liquid held in the holder and pad, substantially as described.

3. A pad consisting of the alternate layers of chamois and cotton, and means for holding  
20 the same together, and adapted to absorb, hold and transmit the moistening-liquid compound, substantially as and for the purposes specified.

4. A pad consisting of alternate layers of chamois and cotton, and a surrounding tex- 25 tile fabric, means for securing the edges of the fabric in place, the pad being adapted to absorb, hold and give off the liquid, substantially as and for the purposes specified.

5. A pad consisting of alternate layers of 30 chamois and cotton, and a surrounding textile fabric, and a wooden bottom to which the textile fabric is secured, this pad adapted to receive the liquid moistening compound, and hold the same, and to give a proper amount 35 off to the fingers of the operator under pressure, substantially as and for the purposes specified.

In testimony whereof I have set my hand to this specification in the presence of two sub- 40 scribing witnesses.

ADAM R. HIRT.

Attest:

SAMUEL A. WEST,  
K. SMITH.