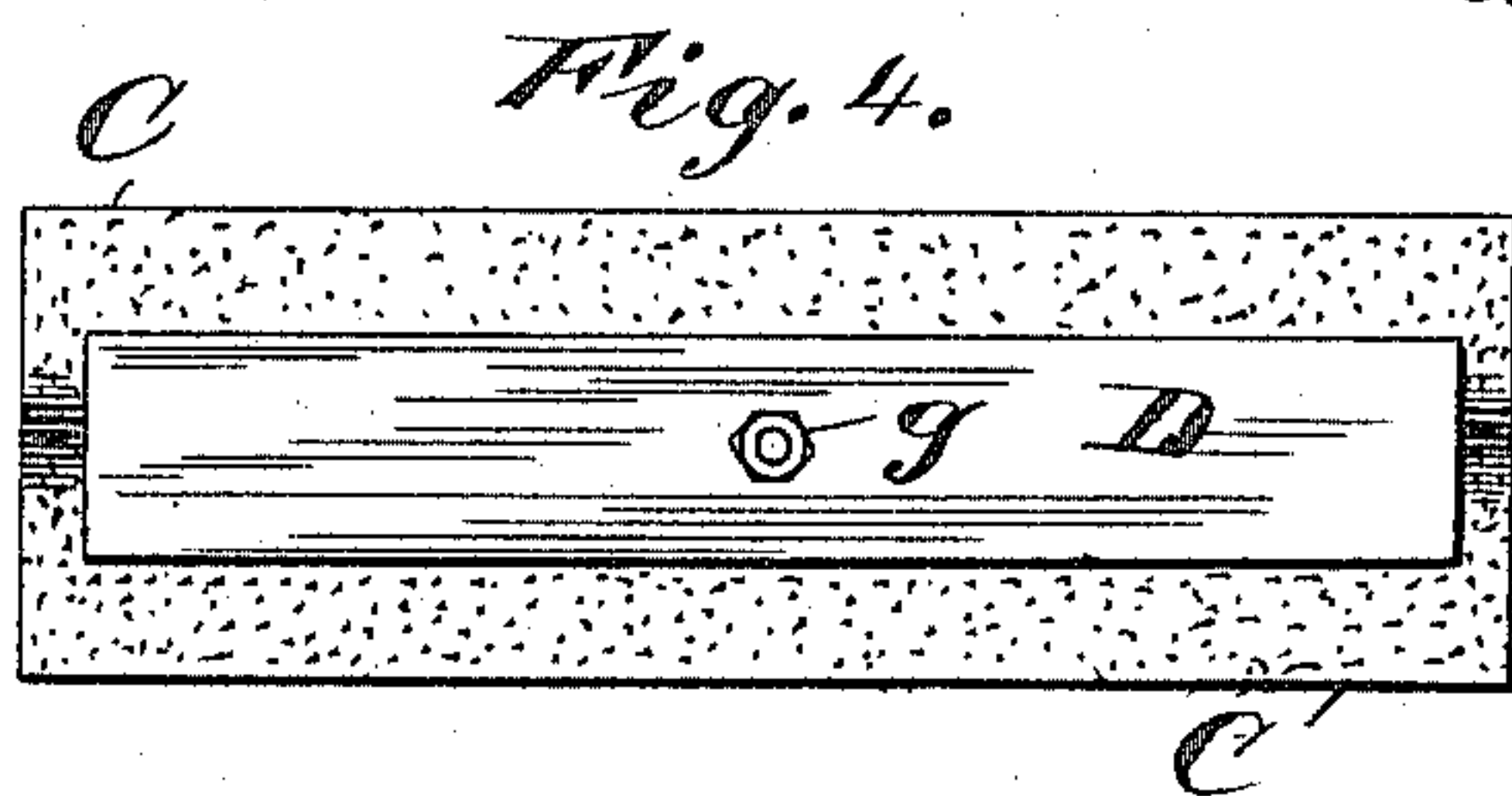
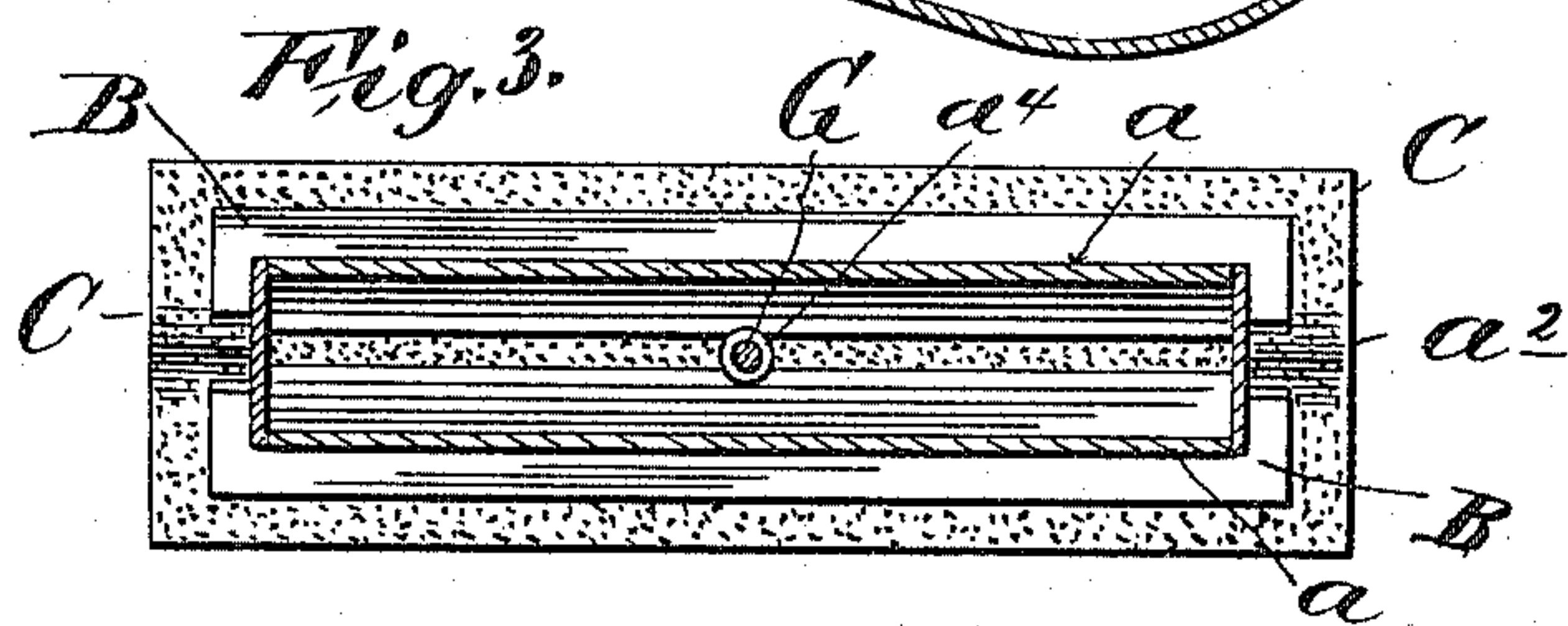
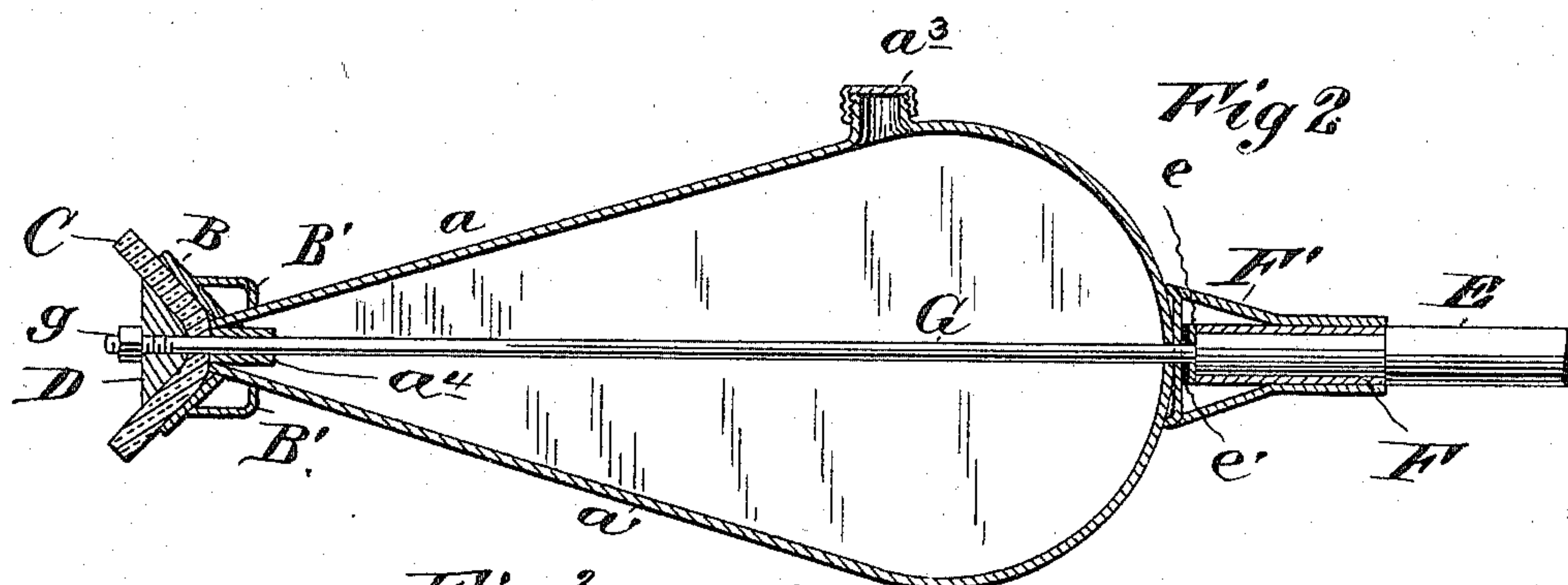
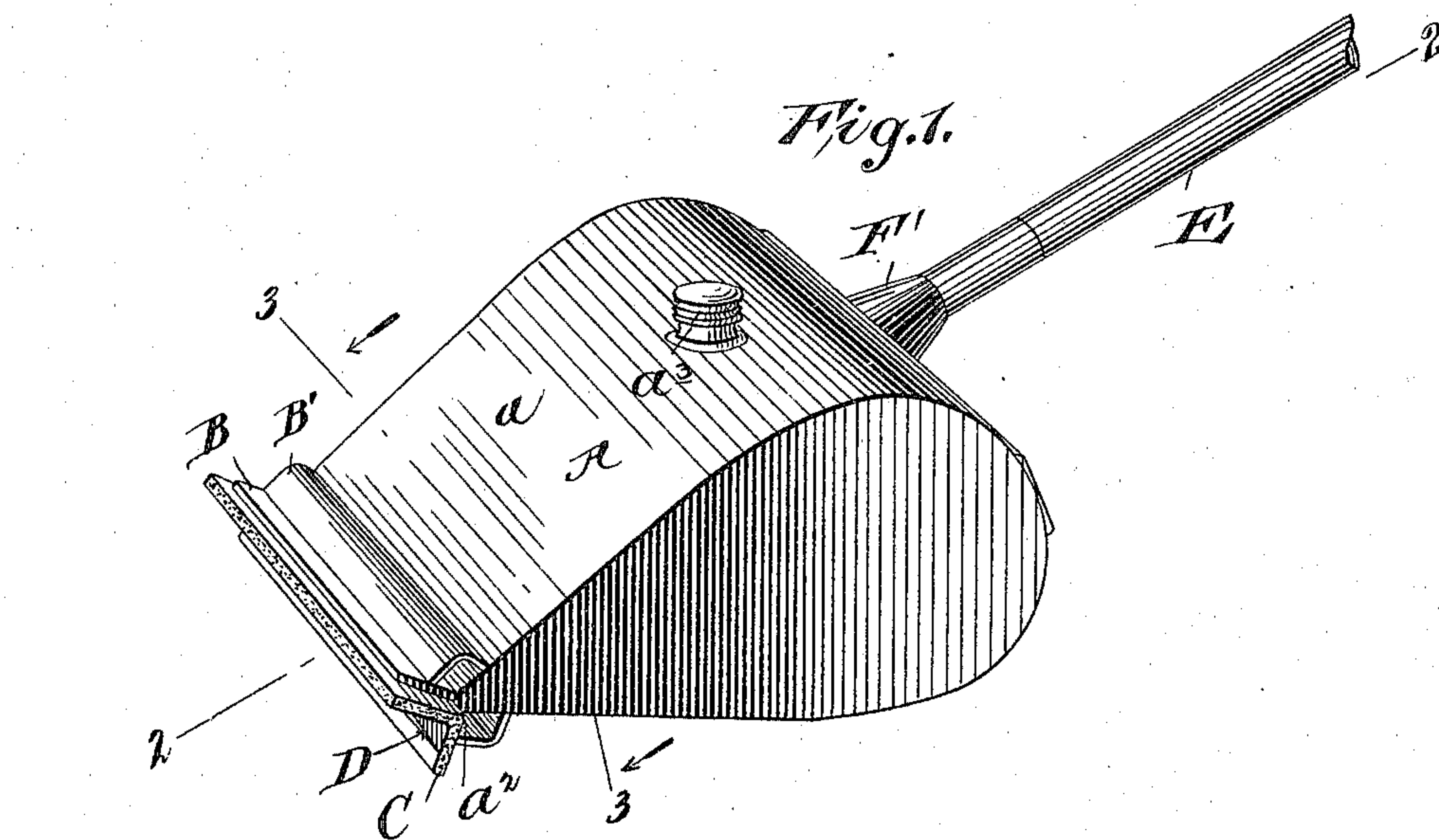


(No Model.)

E. R. BATHRICK.
DEVICE FOR APPLYING LIQUIDS.

No. 581,899.

Patented May 4, 1897.



WITNESSES

C. W. Benjamin
H. E. Bowen.

INVENTOR

INVENTOR
Ellsworth R. Bathrick
BY *J. A. Rowe*
his ATTORNEY.

UNITED STATES PATENT OFFICE.

ELLSWORTH R. BATHRICK, OF BROOKLYN, NEW YORK.

DEVICE FOR APPLYING LIQUIDS.

SPECIFICATION forming part of Letters Patent No. 581,899, dated May 4, 1897.

Application filed March 25, 1897. Serial No. 629,176. (No model.)

To all whom it may concern:

Be it known that I, ELLSWORTH R. BATHRICK, of the city of Brooklyn, in the county of Kings and State of New York, have invented a certain new and useful Improvement in Devices for Applying Liquids, of which the following is a specification.

I will first describe the improvement in detail and then point out the novel features in claims.

In the accompanying drawings, Figure 1 is a perspective view of a device embodying my improvement. Fig. 2 is a cross-section of the same, taken through the plane of the dotted line 2 2, Fig. 1. Fig. 3 is a section of the device shown in Fig. 1, taken through the plane of the dotted line 3 3, Fig. 1, looking in the direction of the arrows in Fig. 1; and Fig. 4 is a view of the head of the device shown in Fig. 1, looking downward.

Similar letters of reference designate corresponding parts in all the figures.

A designates a reservoir, the two walls of which a and a' have an opening a^2 between them, which opening forms the mouth of the reservoir. This reservoir may be made of any suitable material and of any desired shape.

a^3 designates a screw-cap which may be removed at pleasure to permit of the filling of the reservoir A.

B designates a support for a pad C. This support B is shown as V-shaped, and that part of the support B which is directly over the opening a^2 of the reservoir A is open, so as to permit liquid contained in the reservoir to pass through to the pad C. The support B is strengthened by the braces B'.

The pad C is preferably made of felt, but any material may be employed which will hold the liquid which passes through the mouth a^2 of the reservoir A in suspense, and discharge such liquid upon being applied to the surface to which the liquid is intended to be applied. As shown, the pad C extends beyond the edges of the support B.

D designates a block placed over the pad C, and the edges of the pad C are shown as extending beyond this block D.

E designates the handle of the device. This handle E fits into a tube F, forming part of or

affixed to the reservoir A. I may use a brace F', intended to impart additional strength to the device at the point where the greatest strain occurs in use.

G designates a rod fastened to or made integral with the handle E. At the end of the rod G, which terminates in the handle E, are washers $e e'$. I prefer to make the washer e' of felt and the washer e of metal.

The rod G passes through a circular opening in the bottom of the reservoir A and through a tube a^4 in the mouth a^2 of the reservoir directly in line with the circular opening in the bottom of the reservoir. The rod G also passes through openings cut to receive it in the pad C and block D. The upper end of the rod G is screw-threaded and a nut g is placed on this screw-threaded part of the rod G. This nut g may fit in a portion of the block D countersunk to receive it, and it will be readily understood that by merely turning the handle E the pressure of the block D on the pad C can be regulated, and as the pad C fits into the mouth a^2 the operator can by this simple turning of the handle E regulate the supply of liquid to the pad C, and thereby the amount of saturation of the pad C will be controlled.

The various parts of the device can be made of any desired materials.

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

1. A device for applying liquids consisting of a reservoir having an opening therein to form a mouth, a pad covering said opening, a support for said pad, and means operated by the handle of said device for pressing said pad more or less firmly to the mouth of said reservoir, substantially as specified.

2. A device for applying liquids consisting of a reservoir having an opening therein to form a mouth, a pad covering said opening, a block partially covering said pad, a rod affixed to, or made integral with the handle of said device, said rod extending through said reservoir, pad and block, and a nut engaging with said rod to hold said pad more or less closely to the mouth of said reservoir, substantially as specified.

3. A device for applying liquids consisting

of a reservoir having an opening therein to form a mouth, a pad covering said opening, a support for said pad, a block partially covering said pad, a rod affixed to, or made integral with, the handle of said device, said rod extending through said reservoir, pad and block, and a nut engaging with said rod to hold said pad more or less closely to the mouth of said reservoir, substantially as specified.

ELLSWORTH R. BATHRICK.

Witnesses:

MATTHEW BOWEN,
J. R. BOWEN.