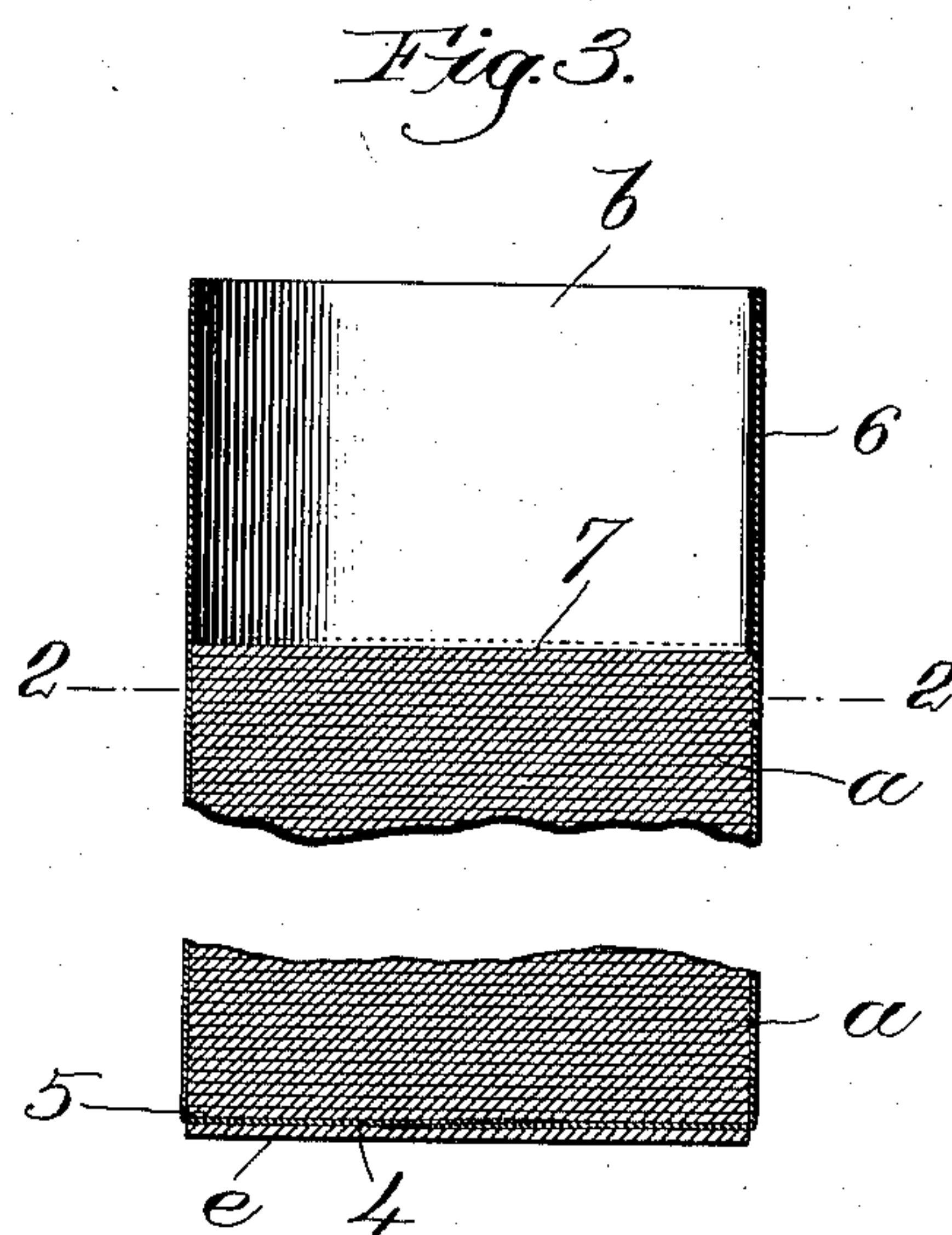
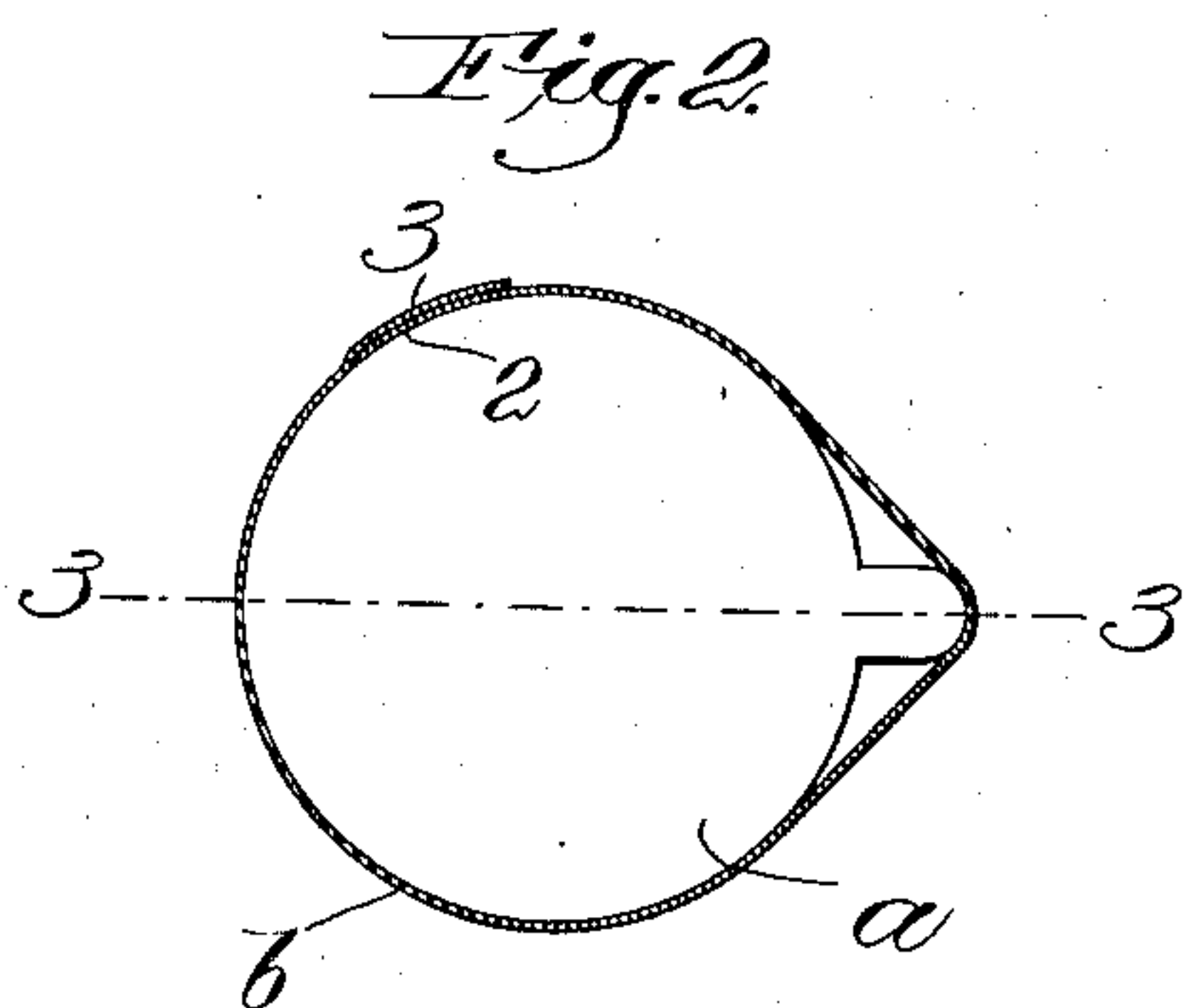
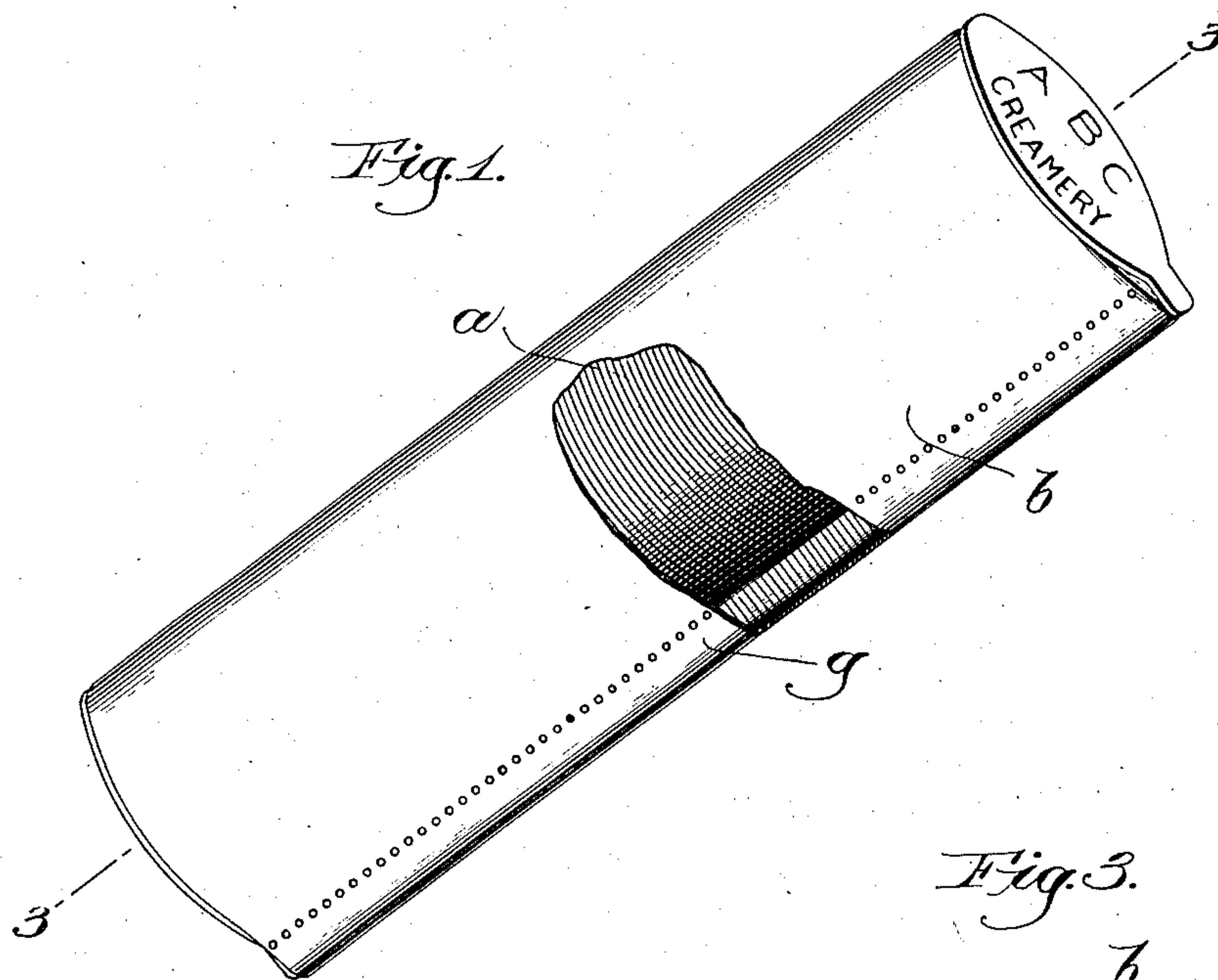


H. A. SPILLER.
 MERCHANTABLE PACKAGE OF JAR SEALING CAPS.
 APPLICATION FILED DEC. 24, 1906.

976,516.

Patented Nov. 22, 1910.



Witnesses.
 Thomas J. Drummond
 Joseph M. Ward.

Inventor
 Harry A. Spiller,
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 Atty's.

UNITED STATES PATENT OFFICE.

HARRY A. SPILLER, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO BROWN-BINNAN COMPANY, OF BOSTON, MASSACHUSETTS, A CORPORATION OF MASSACHUSETTS.

MERCHANTABLE PACKAGE OF JAR-SEALING CAPS.

976,516.

Specification of Letters Patent.

Patented Nov. 22, 1910.

Application filed December 24, 1906. Serial No. 349,311.

To all whom it may concern:

Be it known that I, HARRY A. SPILLER, a citizen of the United States, residing in Boston, county of Suffolk, and State of Massachusetts, have invented an Improvement in Merchantable Packages of Jar-Sealing Caps, of which the following description, in connection with the accompanying drawing, is a specification, like letters on the drawing representing like parts.

Jars containing milk and other food products are commonly closed by paper caps that are fitted in the mouths of the jars and sustained on a shoulder therein. These caps are printed on one side to show the name of the person or firm using the same, and after printing they are waterproofed.

In accordance with my invention, I have provided for inclosing a number of caps in a tube-like wrapper that may be readily opened, and the caps taken off singly with their printed sides up, as will be hereinafter fully described.

Figure 1 in perspective with the wrapper partially broken out shows one of my improved packages of jar-sealing caps ready for market; Fig. 2 is a section in the line 2—2; and Fig. 3 is a longitudinal section in the line 3—3 broken out centrally.

In the production of my merchantable package, I take a series of paper caps *a*, more or less in number, preferably about five hundred, and arrange the same in a pile or stack, as shown in the drawings. Then I take a strip of paper *b* and wrap the stack from one to its opposite end, applying paste to the edges 2, 3 of the strip, that, when overlapped, the wrapper may be made to envelop the pile or stack. I then turn in one end of the wrapper, as at 4, Fig. 3, so that said intumed portion completely overlaps the endmost cap designated in Fig. 3 by 5. Then I apply any cementitious material to the outside of the overlapped portion of the wrapper and lay on the same a bottom piece *c* which may be and preferably will be one of the caps, the same being made to adhere to the wrapper and constitute a bottom for the merchantable package. I fold over the upper end of the wrapper marked 6 on to the uppermost cap marked 7 of the stack or pile, as represented by dotted lines, Fig. 3, and I apply paste to the outer side of the intumed portion of said wrapper and

lay thereon a finishing cap which is shown as printed on its outer face to designate the user of the cap. The wrapper has a line of weakness located in that portion of the wrapper which is stretched between two of the irregular portions of the articles contained therein which is formed by punching a series of holes *g* in the wrapper, and when the caps are to be applied to jars, the person to use the same will run his thumb-nail or some hard substance along the line of holes, which immediately releases the caps from the interior of the jacket.

Ordinarily caps of this character are shipped to users in bulk, and when the user desires to apply the caps to jars, he has to pick them out by hand and place them right side up which, when thousands of these caps are used consumes considerable time. By arranging these caps in a merchantable package containing a definite handy number of caps that may be readily held by hand, very much time is saved. The caps are sealed up as soon as they are made and are handled less, which tends to sanitation, the split open wrapper being retained on the caps until all the caps have been used.

I intend to produce this merchantable package of jar caps entirely by mechanism, and will make an application for a patent for the machinery for making said package. In this way the human hands are not put on to the caps after they are made until they are removed from the package and laid into the jars.

I have herein illustrated my invention in a merchantable package inclosing the jar caps, but I desire it to be understood that my invention is applicable to other paper articles that are to be handled in lots that, when sold, should be so packed that they may be handled carefully and expeditiously, so my invention is not limited in all instances to the particular irregular shape of the paper articles inclosed in the wrapper or package so long as a sample of the paper article is pasted on one end of the package. It is very desirable in packaging paper articles to avoid the expense of a paper box, and when paper articles are sealed up in a package such as herein described, the package cannot be tampered with and part of the contents taken out, as when a box is used the lid of which may be readily taken off.

Having described my invention, what I

claim as new and desire to secure by Letters Patent is:—

1. A merchantable package of disks having extended portions, comprising a stack
5 of said disks with their extended portions in line, a wrapper stretched and secured around said stack and constructed and arranged with a weakened line in the portion of the wrapper which is
10 stretched between the body of the disks and their extensions, the ends of the wrapper being in-turned over the ends of said stack of disks and disks identical with the disks in the stack secured upon the outer ends of the
15 wrapper, as for the purpose described.

2. A merchantable package of disks having extensions comprising a stack of said

disks having their extensions arranged in line, a wrapper stretched and secured around said disks and furnished at that portion 20 stretched between the disks and extensions with weakening perforations, the ends of the wrapper being inturned over the ends of said stack of disks, and disks secured to said inturned ends of the wrapper as and 25 for the purpose described.

In testimony whereof, I have signed my name to this specification, in the presence of two subscribing witnesses.

HARRY A. SPILLER.

Witnesses:

GEO. W. GREGORY,
EVANGELINE C. BROWN.