(No Model.)

H. STRUBEN.

BOTTLE OR FLASK.

No. 600,339. Patented Mar. 8, 1898.

Fig. 1

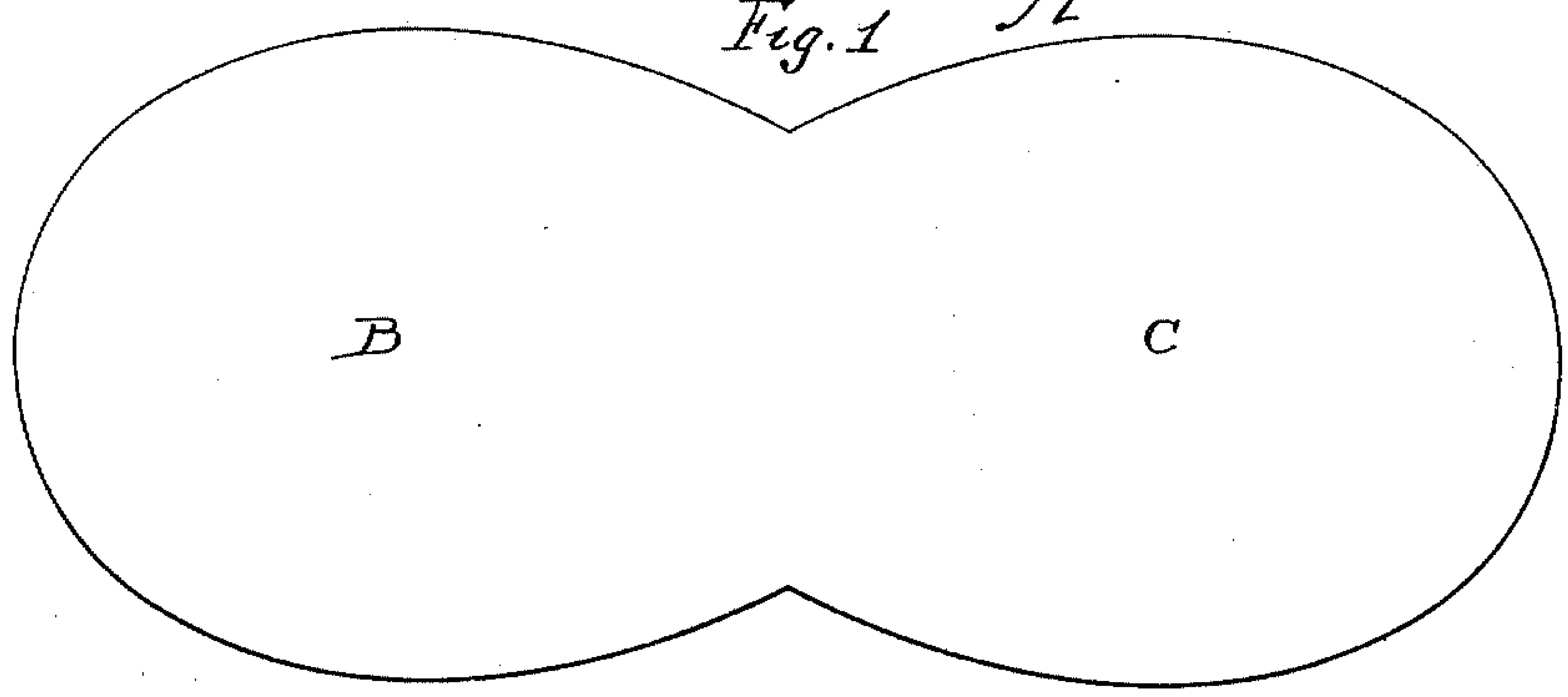


Fig. 2.

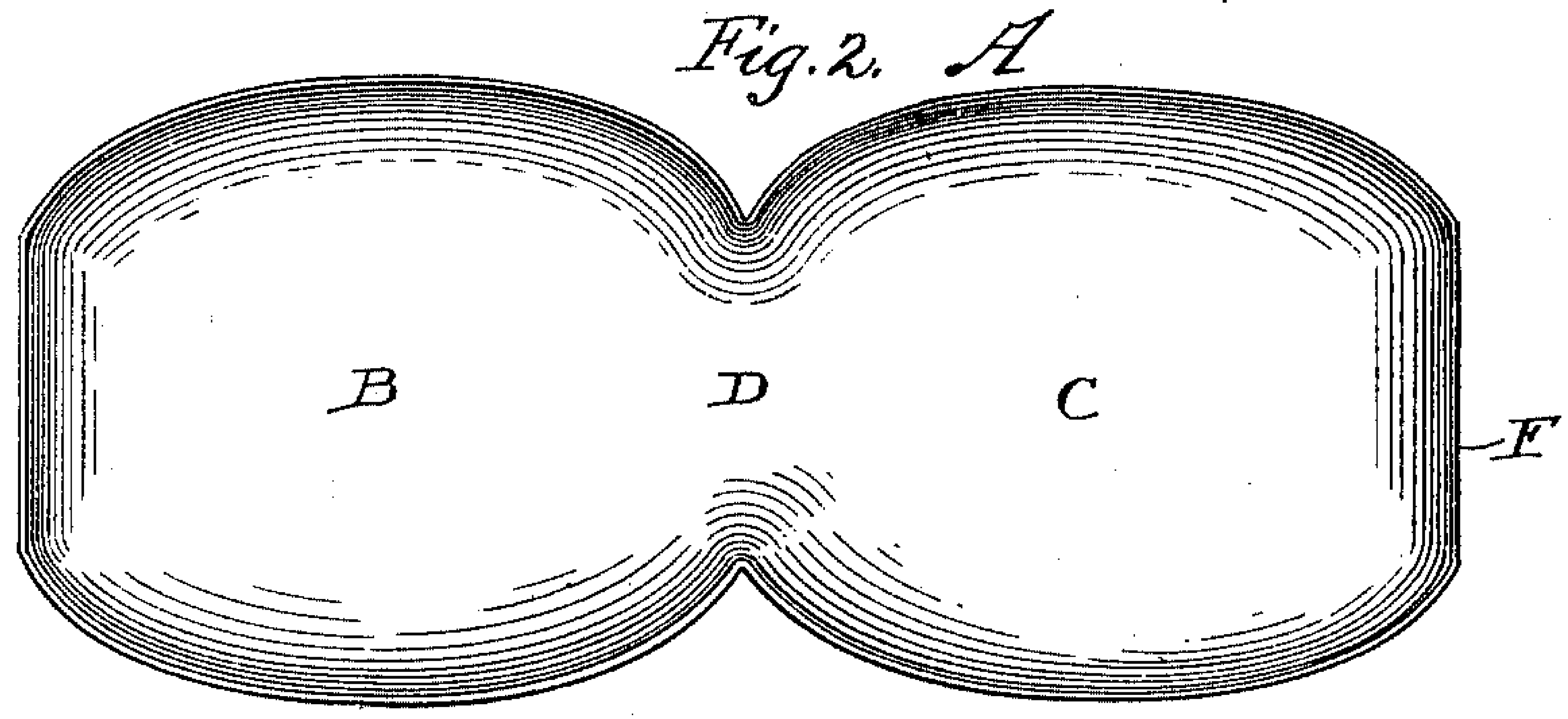


Fig. 3

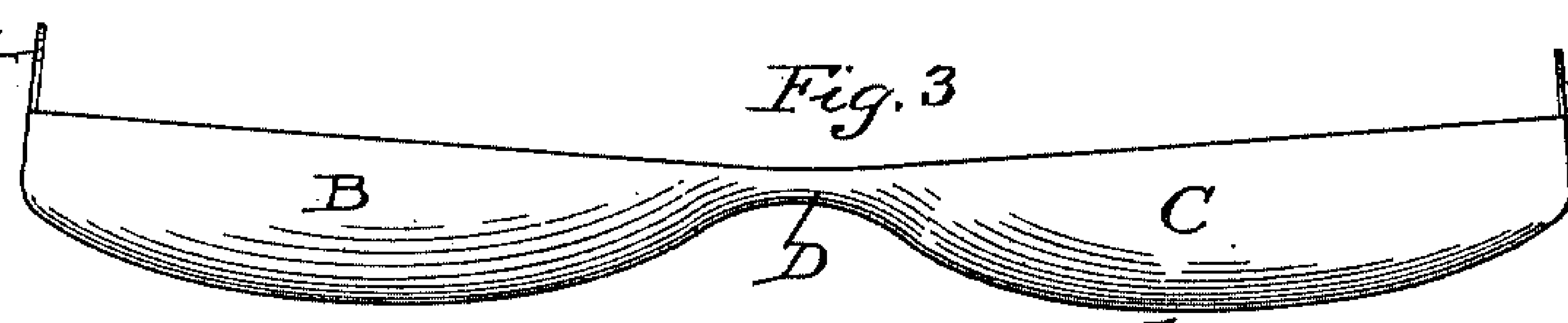


Fig. 4.

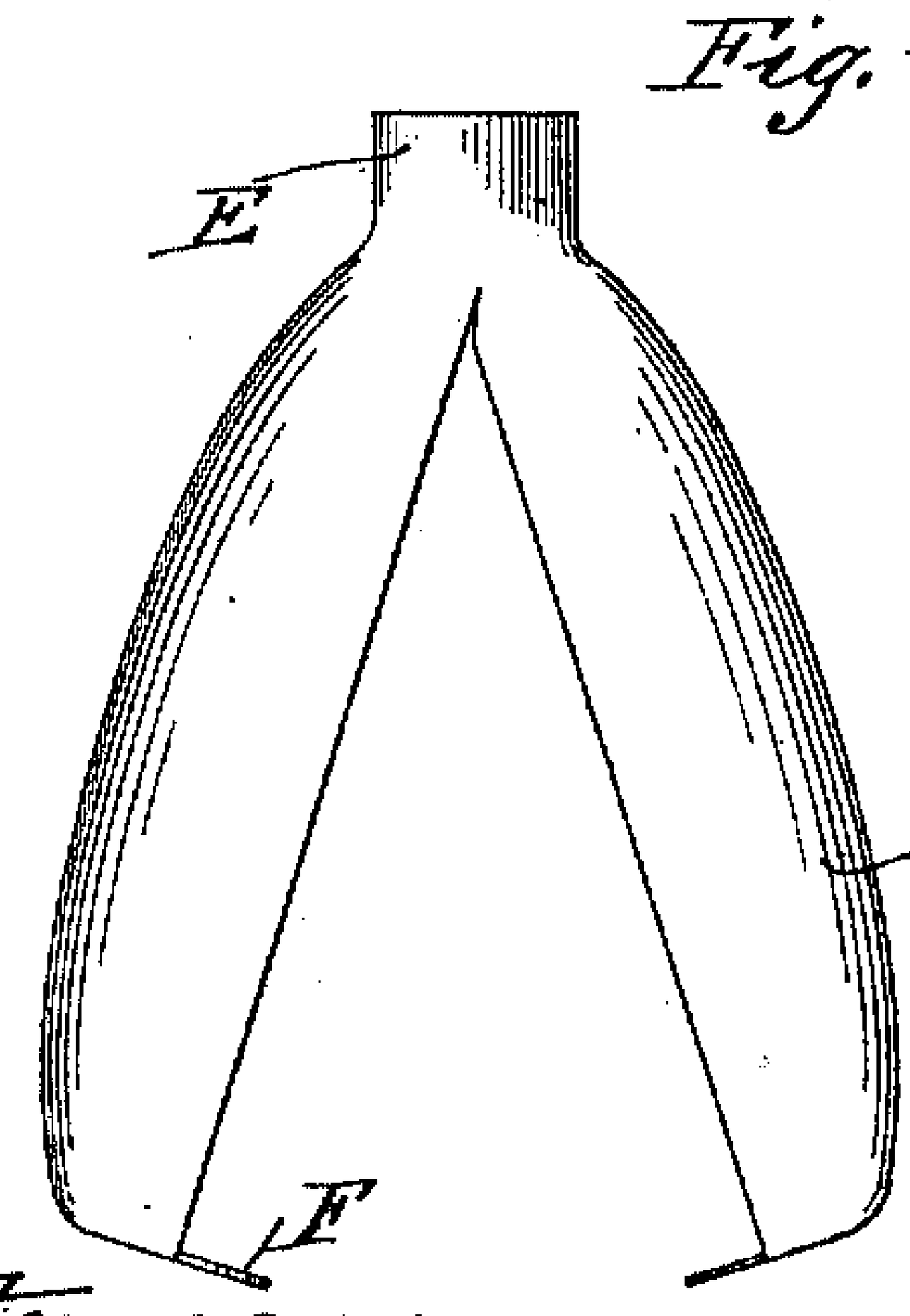


Fig. 6.

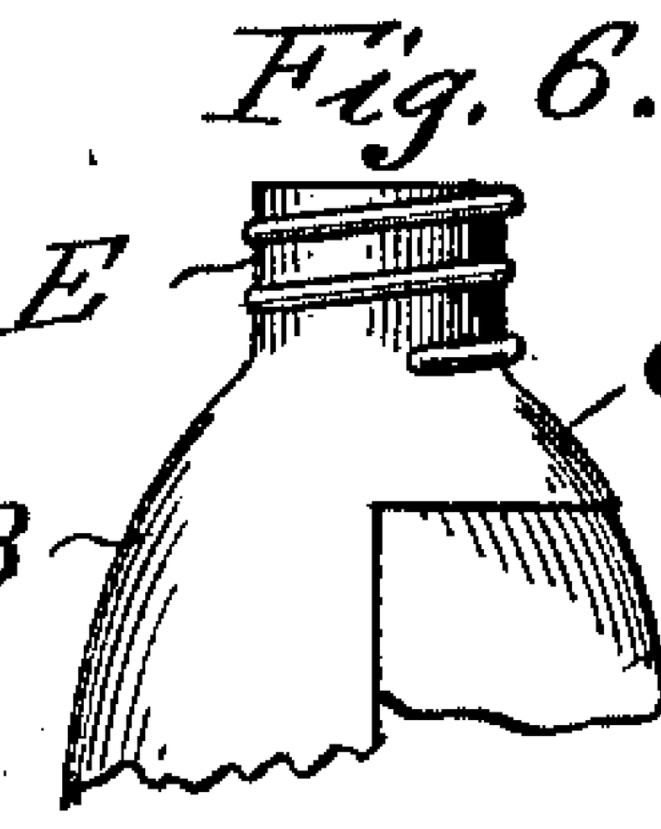
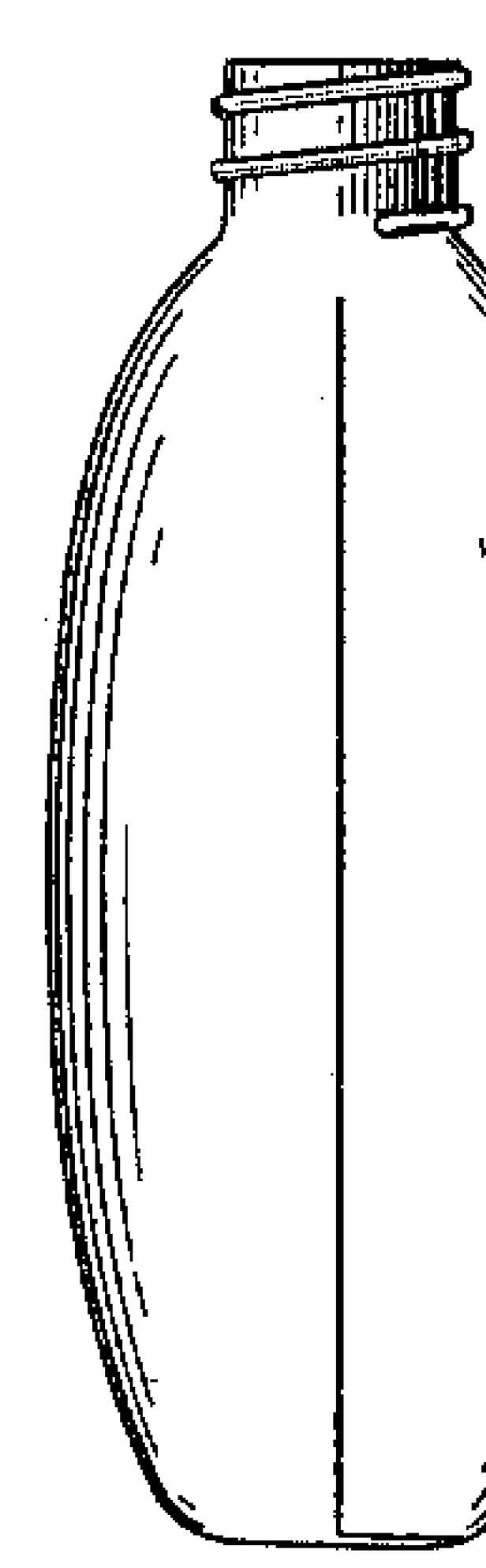


Fig. 5.



Witnesses:

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UNITED STATES PATENT OFFICE.

HENRY STRUBEN, OF CHICAGO, ILLINOIS.

BOTTLE OR FLASK.

SPECIFICATION forming part of Letters Patent No. 600,339, dated March 8, 1898.

Application filed March 27, 1897. Serial No. 629,491. (No model.)

To all whom it may concern:

Be it known that I, HENRY STRUBEN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Bottles or Flasks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to a novel construction in a metallic bottle, the object being to provide a device of this kind made from a single piece of metal; and it consists in the features of construction hereinafter fully described and claimed.

In the accompanying drawings, illustrating my invention, Figure 1 is a plan view of the blank from which my bottle is made. Fig. 2 is a plan view of the same after the first operation. Fig. 3 is a side elevation of Fig. 2. Fig. 4 is a side elevation showing the shape of the metal after the third operation. Fig. 5 is a side elevation of the bottle when completed. Fig. 6 shows a modified form of construction in which two pieces are employed.

Referring now to said drawings, A indicates a blank having two elliptical ends B and C, which are adapted to form the sides of a bottle or flask. The said blank is pressed or drawn by dies to the form shown in Figs. 2 and 3, so that said portions B and C become dish-shaped, said portion C being slightly smaller than said portion B, so that its edge will fit within the edge of said portion B. The neck portion D is also slightly dished. After said operation said blank A is again placed in a press and the neck portion D thereof drawn to form the neck E. In this operation the portions B and C are also brought into the position shown in Fig. 4 and after withdrawing the die are forced together, so that the edge of the portion C fits within the edge of the portion B, and said portions B and C are then soldered together along the edge of the portion B. To afford greater strength to the bottle or flask thus formed, I provide a double bottom by providing an outwardly-extending flange F on the end of each of said portions B and C, said flange on said portion B fitting over said flange on said portion C. After said portions B and C have been soldered together screw-threads are formed in said neck E, as shown in Fig. 5, by means of a suitable tool, and the same is closed by means of an ordinary screw-cap which I have not shown.

In Fig. 6 I have shown a slight modification which comes within the scope of my invention. In this construction the neck E is made in one piece with said portion B and is provided with a downward extension G, which overlaps said portion C and is soldered thereto along its edge. With certain qualities of metal this construction would be cheaper and more practical than the construction shown in Figs. 1 to 5, inclusive.

I claim as my invention—

A bottle or flask composed of a single piece of metal, having a solid neck and a divided body portion, one side of said body portion being reduced along its edge to fit within the edge of the other side, both of said sides of said body portion being provided with flanges to form a double bottom for said bottle or flask, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY STRUBEN.

Witnesses:

RUDOLPH WM. LOTZ,

ERWIN J. LOTZ.