

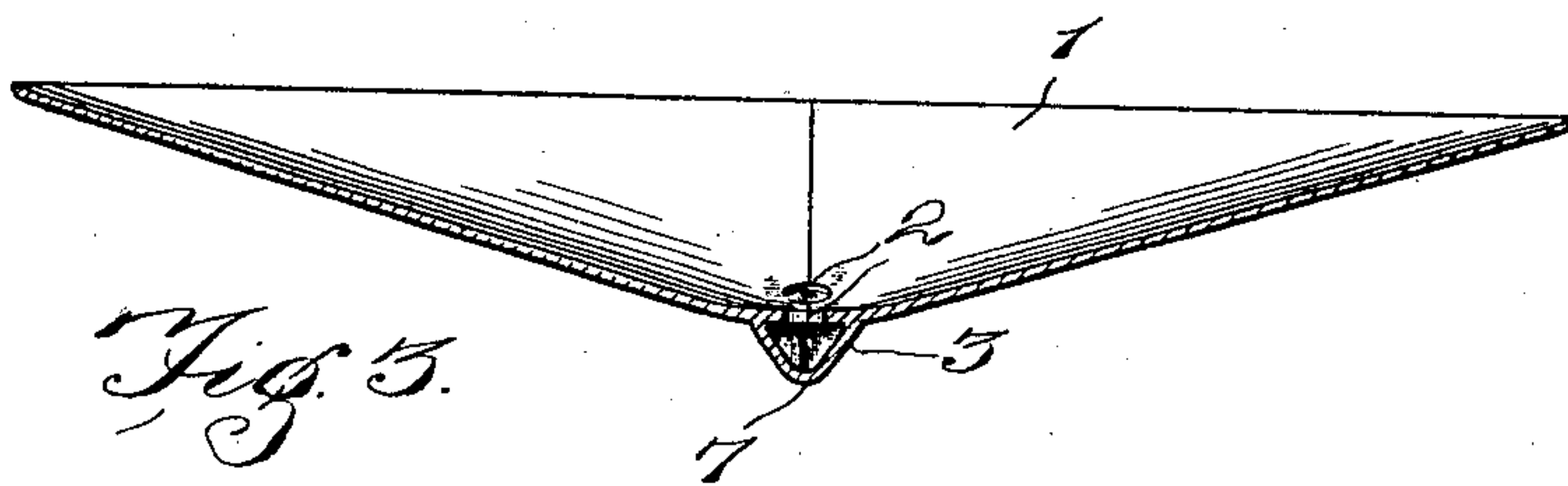
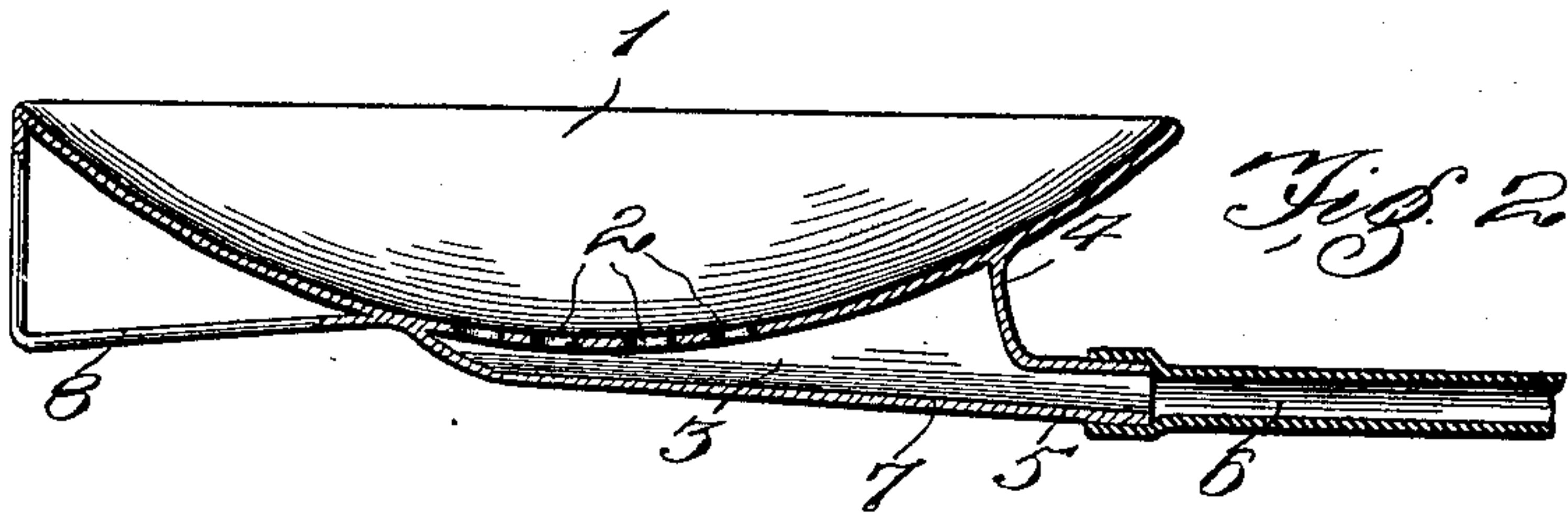
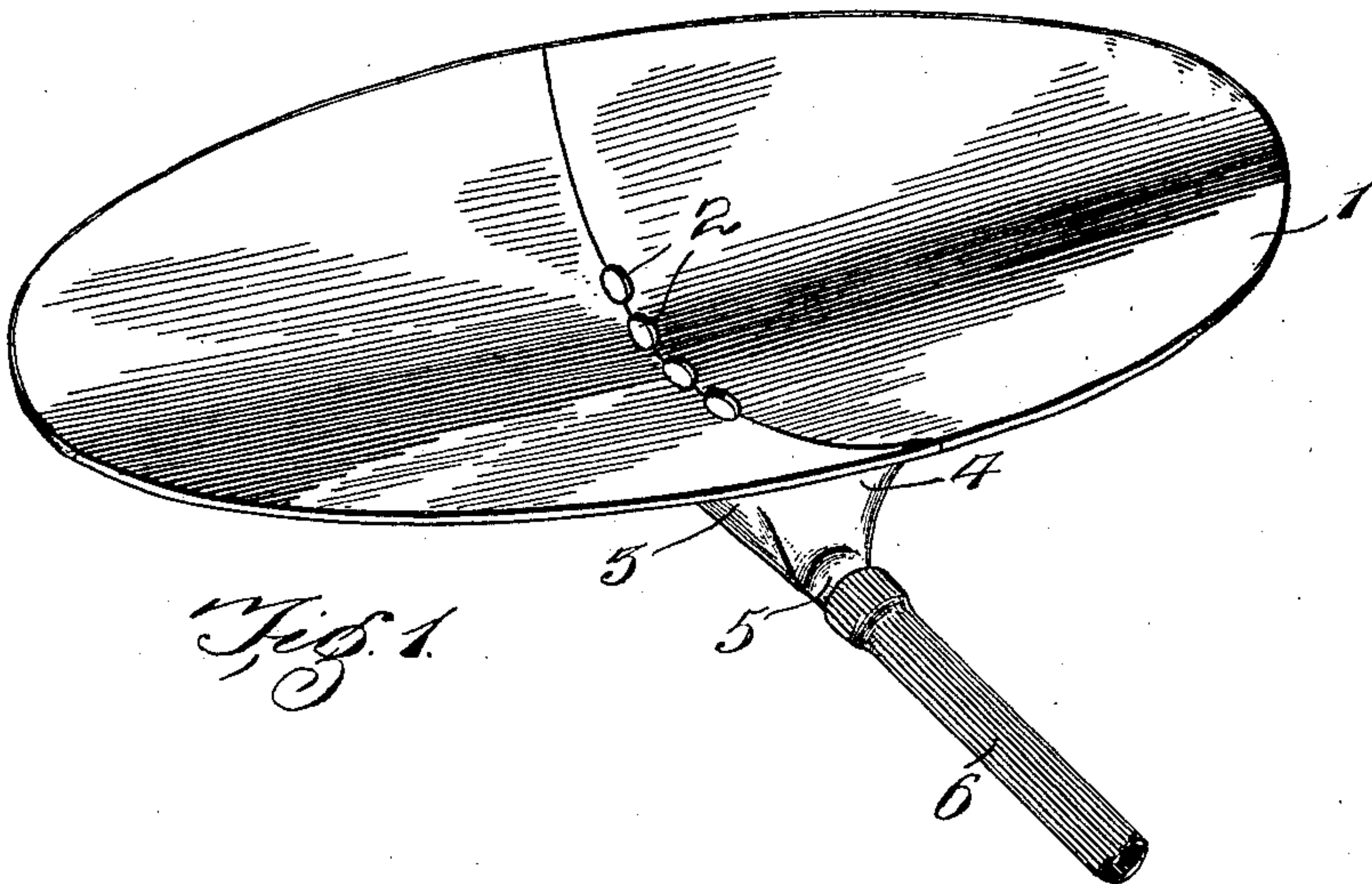
No. 682,650.

Patented Sept. 17, 1901.

G. THORNTON, F. D. FREEBORN & W. HILLER.
BED PAN.

(Application filed Feb. 14, 1901.)

(No Model.)



Witnesses

Oliver M. Simpson
Chas. S. Hoyer.

G. Thornton
F. D. Freeborn
W. Hiller Inventors

By *Chas. S. Hoyer.*
Attorneys

UNITED STATES PATENT OFFICE.

GEORGE THORNTON, FRANKLIN D. FREEBORN, AND WILLIAM HILLER, OF
RANDOLPH, NEW YORK.

BED-PAN.

SPECIFICATION forming part of Letters Patent No. 682,650, dated September 17, 1901.

Application filed February 14, 1901. Serial No. 47,337. (No model.)

To all whom it may concern:

Be it known that we, GEORGE THORNTON, FRANKLIN D. FREEBORN, and WILLIAM HILLER, citizens of the United States, residing at Randolph, in the county of Cattaraugus and State of New York, have invented a new and useful Bed-Pan, of which the following is a specification.

This invention relates to a bed-pan adapted for both natural and douche uses, and particularly applicable to female patients; and the object of the same is to provide a simple and effective device of this class which can be applied from either side of a bed and used in either one of two positions and of an antiseptic nature, means being supplied in connection therewith for carrying off liquids running or deposited therein to either side of a bed, and the main body of the device so shaped that its application will be rendered easy and comfortable to the patient.

The invention consists in the construction and arrangement of the several parts, which will be more fully hereinafter described and claimed.

In the drawings, Figure 1 is a perspective view of a bed-pan embodying the features of the invention. Fig. 2 is a transverse vertical section of the same. Fig. 3 is a longitudinal vertical section of the same.

Similar numerals of reference are employed to indicate corresponding parts in the several views.

The numeral 1 designates the body of the pan, which is of elliptical-edge contour and of elongated extent, the said body sloping downwardly in all directions toward the center. From opposite ends the body slopes inwardly and downwardly in straight planes; but transversely the body at the center slopes inwardly and downwardly in curved lines. At the lowermost central point of the said body are a plurality of transversely-aligned openings 2, which communicate with a lower drain-chamber 3, preferably of the form in cross-section shown by Fig. 3, the said chamber being enlarged toward its outer end 4 and provided with a lower nipple 5 for the attachment of a rubber or other flexible tube 6. The tube 6 may be of any desired length to extend over the bed and down one side

thereof into a suitable receptacle to catch and hold the liquid drained from the body 1. The bottom 7 of the chamber 3 is inclined downwardly, as clearly shown by Fig. 2, to facilitate the drainage of liquid therefrom, and said bottom continues regularly into the lower portion of the nipple 5 without the least obstruction, and thereby prevents lodgment of sediment or other material, the entire interior surface of the chamber being smooth and without the least projection, so that it may be easily cleaned and sterilized. The body 1 can also be easily cleansed and sterilized, and the advantages of cleanliness in this class of devices are preëminent in the present form. At a point diametrically opposite the chamber 3 the body is provided with an open angular support or prop 8, which operates to maintain the said body in proper position when applied.

In applying the improved pan it may be placed longitudinally between the limbs of the patient and extend partially upward over the rear of the lower portion of the body of the patient or be disposed transversely, the said positions being regulated by the conditions and mode of treatment demanded or the necessary use in the most convenient manner. The improved device is particularly adapted for douche or injection operations performed on female patients, and in all its uses and applications both the clothing of the patient and that on the bed or couch will be prevented from being soiled by reason of the form set forth.

It is proposed to construct the entire device of either metal or porcelain or any other material adapted for the purpose, and it is also intended to vary the proportions, size, and minor details of the several parts without departing from the spirit of the invention.

Having thus described the invention, what is claimed as new is—

1. A bed-pan comprising an elongated elliptical body sloping inwardly and downwardly from the opposite ends and sides to the center, a plurality of drain-openings being formed in the lowermost portion of the center of the said body, a drain-chamber under the central portion of said body and the

said openings, and a flexible tube attached to the outer end of said chamber.

2. A bed-pan comprising an elongated elliptical body sloping inwardly and downwardly from the opposite ends and sides to the center, a plurality of drain-openings being formed in the lowermost central portion of the center of the said body and transversely alined, a drain-chamber under the
10 central portion of said body and the said openings and enlarged toward its outer end, the latter end being provided with a nipple

at its lower portion, a tube attached to said nipple, and a prop on the bottom of the body diametrically opposite the said chamber. 15

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in the presence of two witnesses.

GEORGE THORNTON.

FRANKLIN D. FREEBORN.

WM. HILLER.

Witnesses:

EDWIN W. SEAGER,

A. W. HILDUM.