

No. 897,075.

PATENTED AUG. 25, 1908.

L. R. EDWARDS.
HOLDER FOR THERMOMETERS.

APPLICATION FILED NOV. 2, 1907.

2 SHEETS—SHEET 1.

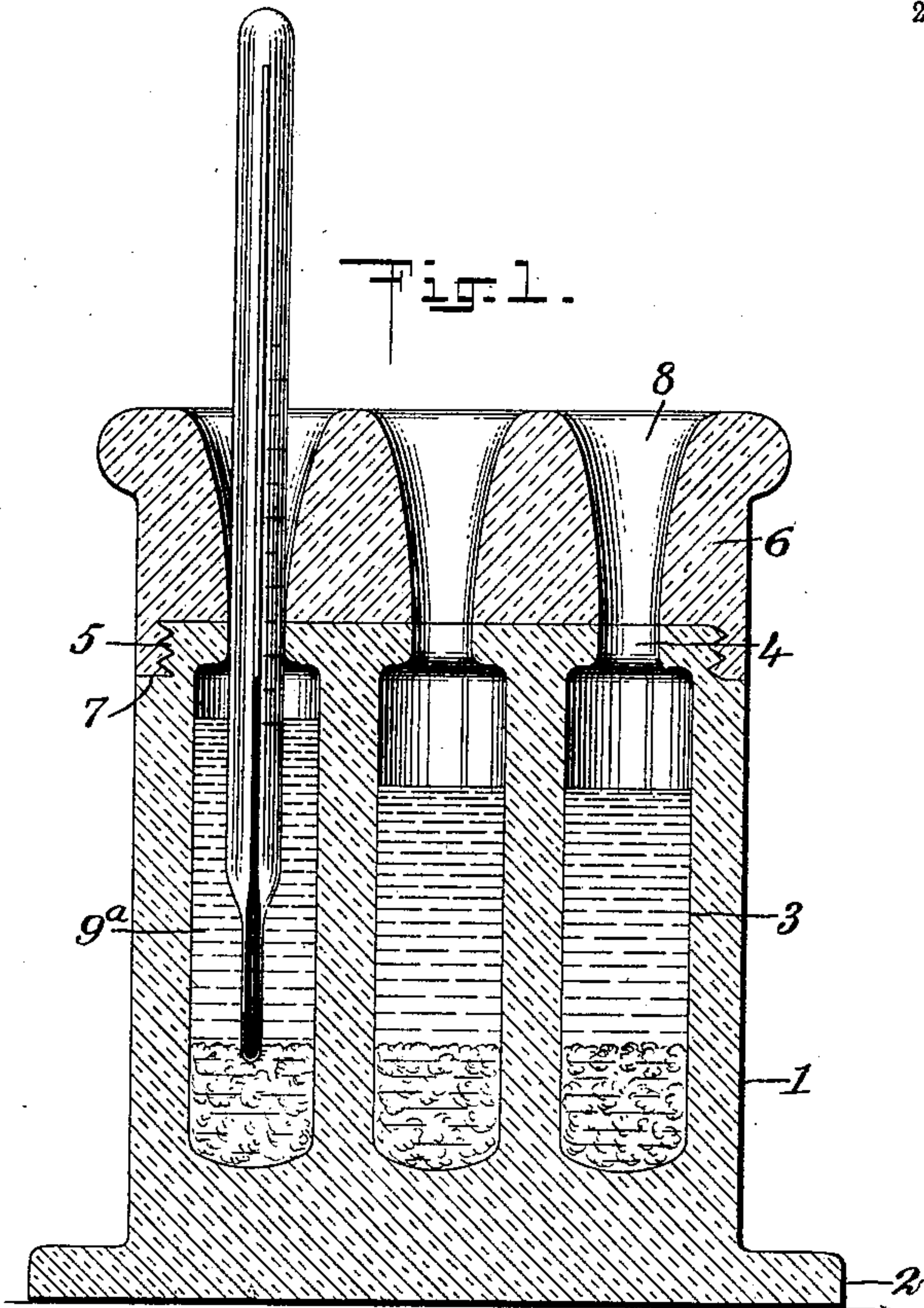
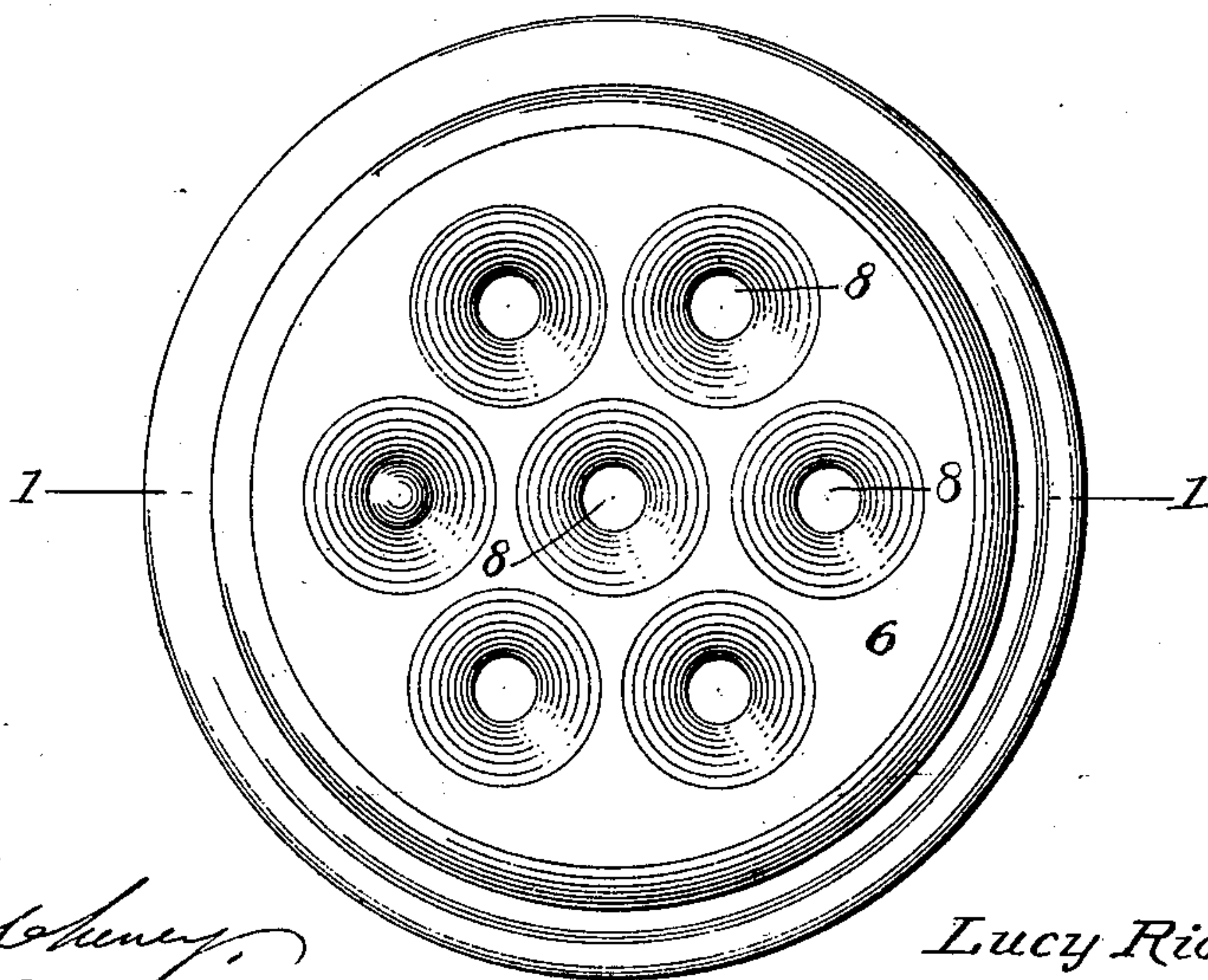


Fig. 2.



WITNESSES

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Fig. 3.

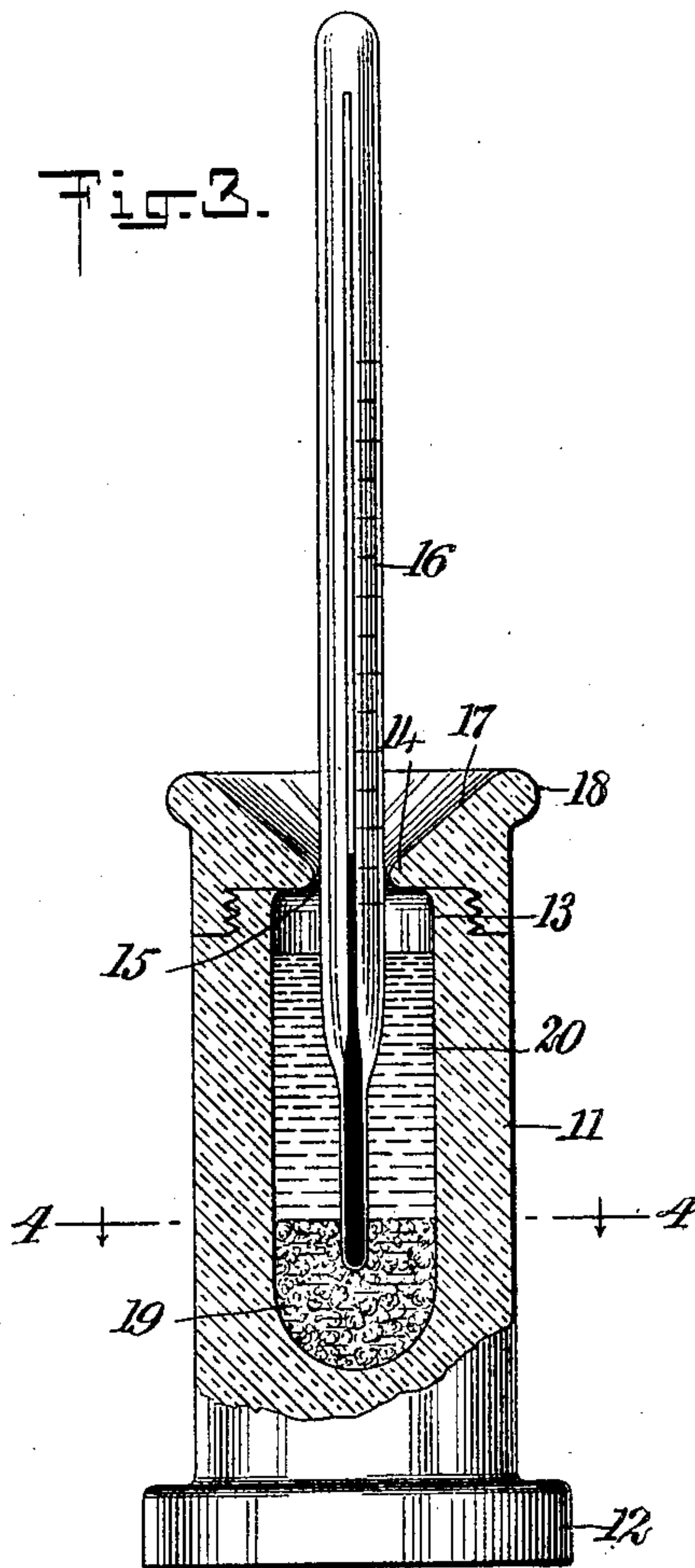
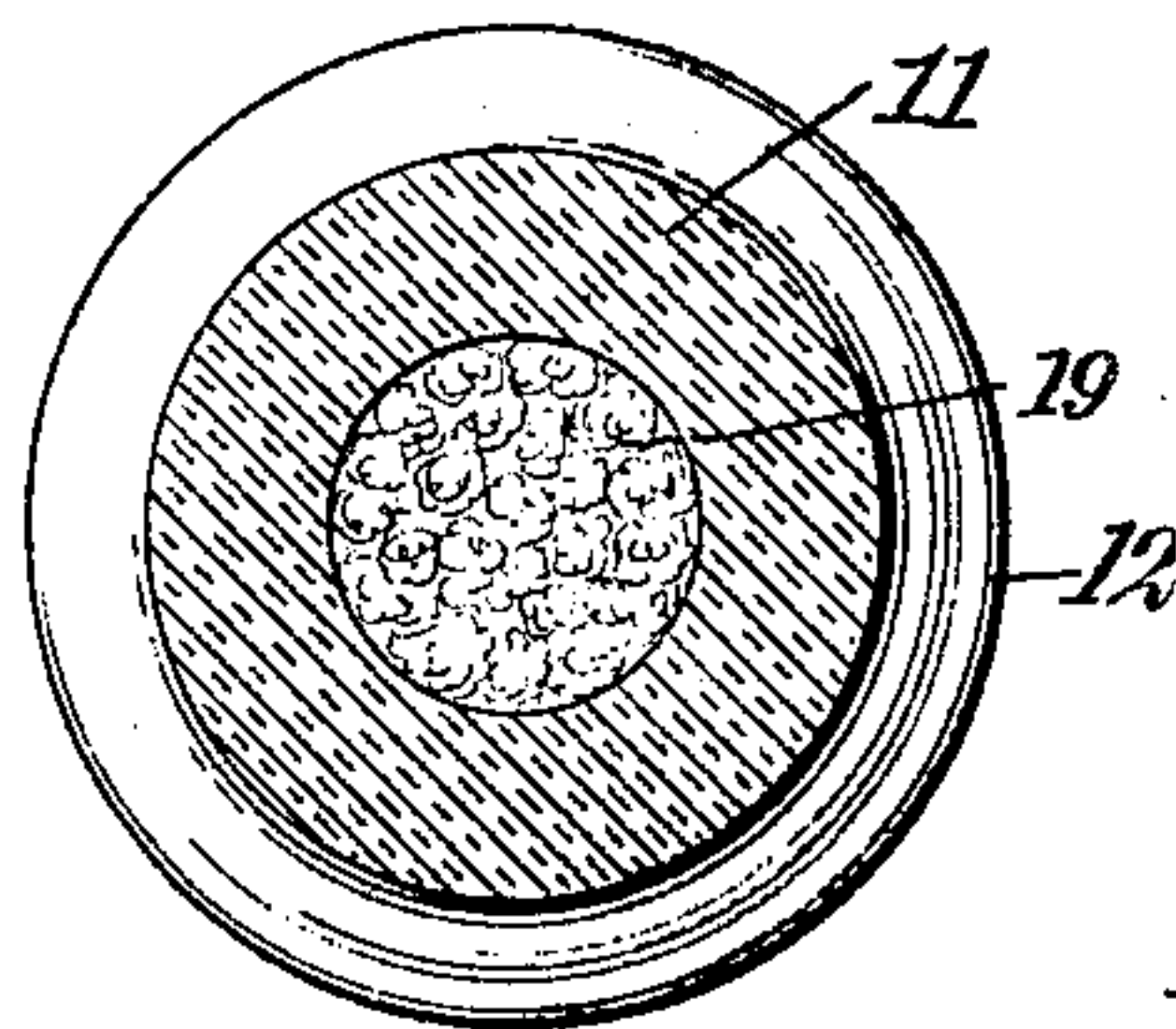


Fig. 4.



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UNITED STATES PATENT OFFICE.

LUCY RION EDWARDS, OF JACKSONVILLE, FLORIDA.

HOLDER FOR THERMOMETERS.

No. 897,075.

Specification of Letters Patent.

Patented Aug. 25, 1908.

Application filed November 2, 1907. Serial No. 400,351.

To all whom it may concern:

Be it known that I, LUCY RION EDWARDS, a citizen of the United States, and a resident of Jacksonville, in the county of Duval and State of Florida, have invented a new and Improved Holder for Thermometers, of which the following is a full, clear, and exact description.

This invention relates to a holder for a clinical thermometer, such as used by doctors and trained nurses in taking the temperature of patients.

In hospital wards where numbers of patients are treated for infectious or contagious diseases, it is frequently necessary that the thermometer used for taking the temperature of each patient should be used exclusively by that patient. It is also desirable to have the thermometers maintained in a disinfected or antiseptic condition.

The object of this invention is to provide a holder having means for holding thermometers in a disinfected or antiseptic condition.

The invention consists in the construction and combination of parts to be more fully described hereinafter and particularly set forth in the claims.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a vertical section through a holder adapted to hold a plurality of thermometers in a disinfected state: this view is taken on the line 1—1 of Fig. 2; Fig. 2 is a plan of the thermometer-holder shown in Fig. 1; Fig. 3 is a vertical section through a holder of a modified form adapted to be used with a single thermometer, showing a thermometer in position therein, the lower portion of the view being shown in elevation, and Fig. 4 is a cross section on the line 4—4 of Fig. 3.

Referring especially to Figs. 1 and 2, which illustrate the preferred form of the invention, 1 represents the body of the holder, which is formed of glass or similar material, having a slightly enlarged base 2 and formed with a plurality of wells or chambers 3. As shown in Fig. 2, one of these wells is disposed in the center of the body and the others are disposed in a circumference thereabout. The upper ends of the walls have contracted

mouths 4, and a threaded neck 5 is formed at the upper end of the body, upon which a cap 6 screws, as shown. This cap seats, when it comes upon an annular shoulder 7, at the root of the neck and is provided with a plurality of openings 8 which aline with the mouths 4 when the cap is seated.

Each of the wells contains an absorbent material, such as cotton, and a disinfecting bath 9^a. The thermometers are set in the holder, as illustrated in Fig. 1, and each well will hold a thermometer to be used exclusively by one patient. The openings 8 in the cap are preferably of gradually enlarged bore, so as to facilitate the introduction and removal of the thermometers.

In the modified form shown in Figs. 3 and 4, 11 represents the holder, which is preferably of substantially cylindrical form, slightly enlarged below so as to form a base 12 adapted to support the holder. The interior of the holder is hollowed out so as to form a cylindrical chamber 13, and the upper part of this chamber is closed by a screw-cap 14, so that a contracted throat 15 is formed, through which the thermometer 16 may be introduced. The upper side of the holder is formed with a conical bore 17, and around the upper extremity of the holder a rounded bead or shoulder 18 is formed.

In the interior of the chamber 13 and in the lower portion thereof a quantity of absorbent material 19, such as raw cotton, is placed, and the chamber 13 is partially filled with a disinfectant solution 20. The conical bore 17 facilitates the draining back of the drippings into the interior of the thermometer holder when the thermometer is removed.

The caps of the holders operate as guides to facilitate the introduction of the thermometers into the chamber or chambers of the holder, and when removed, they facilitate the cleaning of the chambers, as will be readily understood.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

A holder for a thermometer having an elongated body with a plurality of vertically elongated chambers formed therein, a removable cap attached to said body and having a plurality of openings communicating with said chambers and diverging upwardly to form guides in introducing the thermome-

ters into said chambers, an absorbent material received in said chambers and disinfecting baths also received in said chambers, said holder having contracted throats formed at
5 said openings tending to retain the said absorbent material.

In testimony whereof I have signed my

name to this specification in the presence of two subscribing witnesses.

LUCY RION EDWARDS.

Witnesses:

MARVIE E. WATT,
CHARLES F. KRAMER.