

(No Model.)

J. WILKERSON.
NON-CONDUCTING HOOD.

No. 575,680.

Patented Jan. 19, 1897.

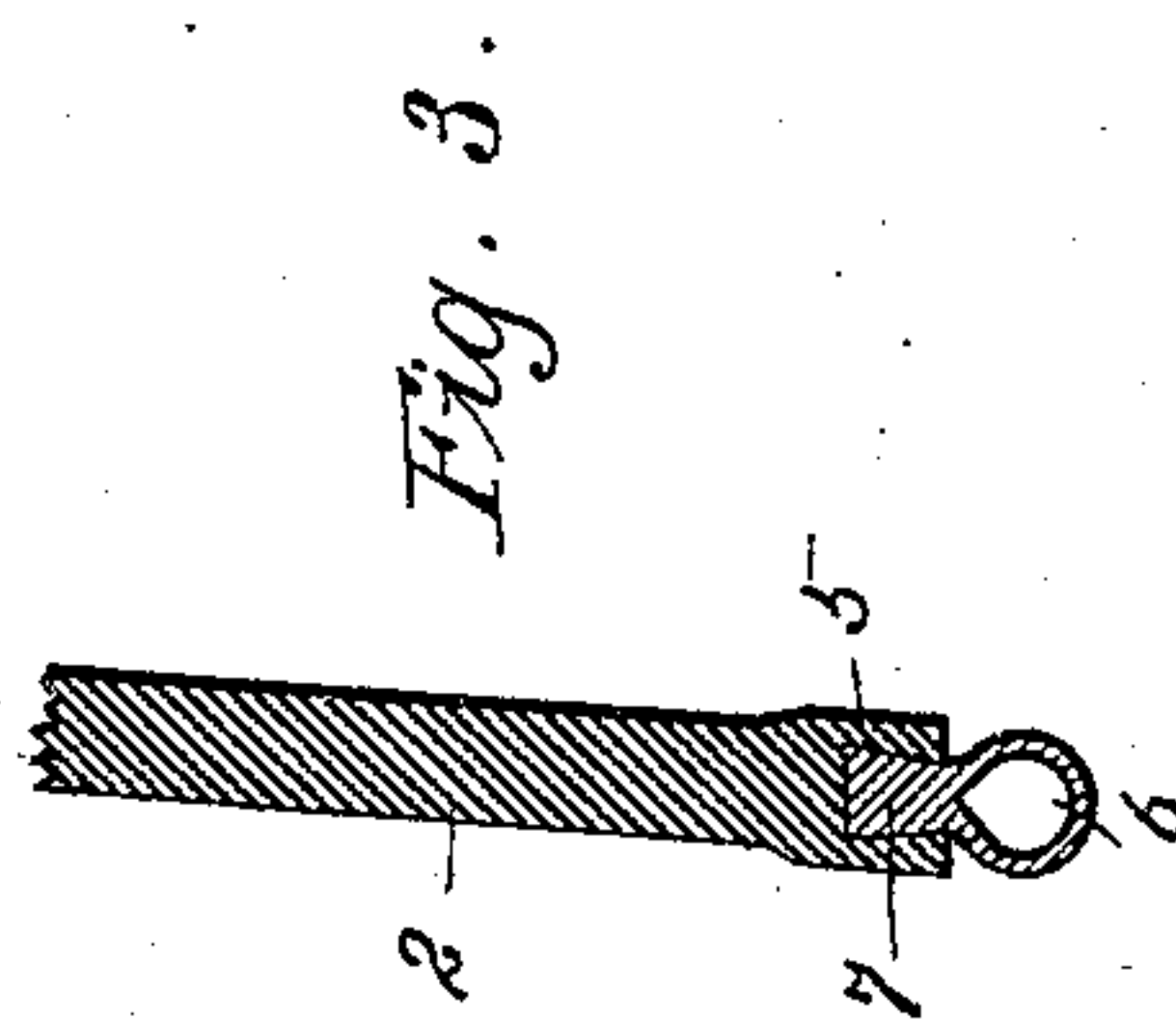
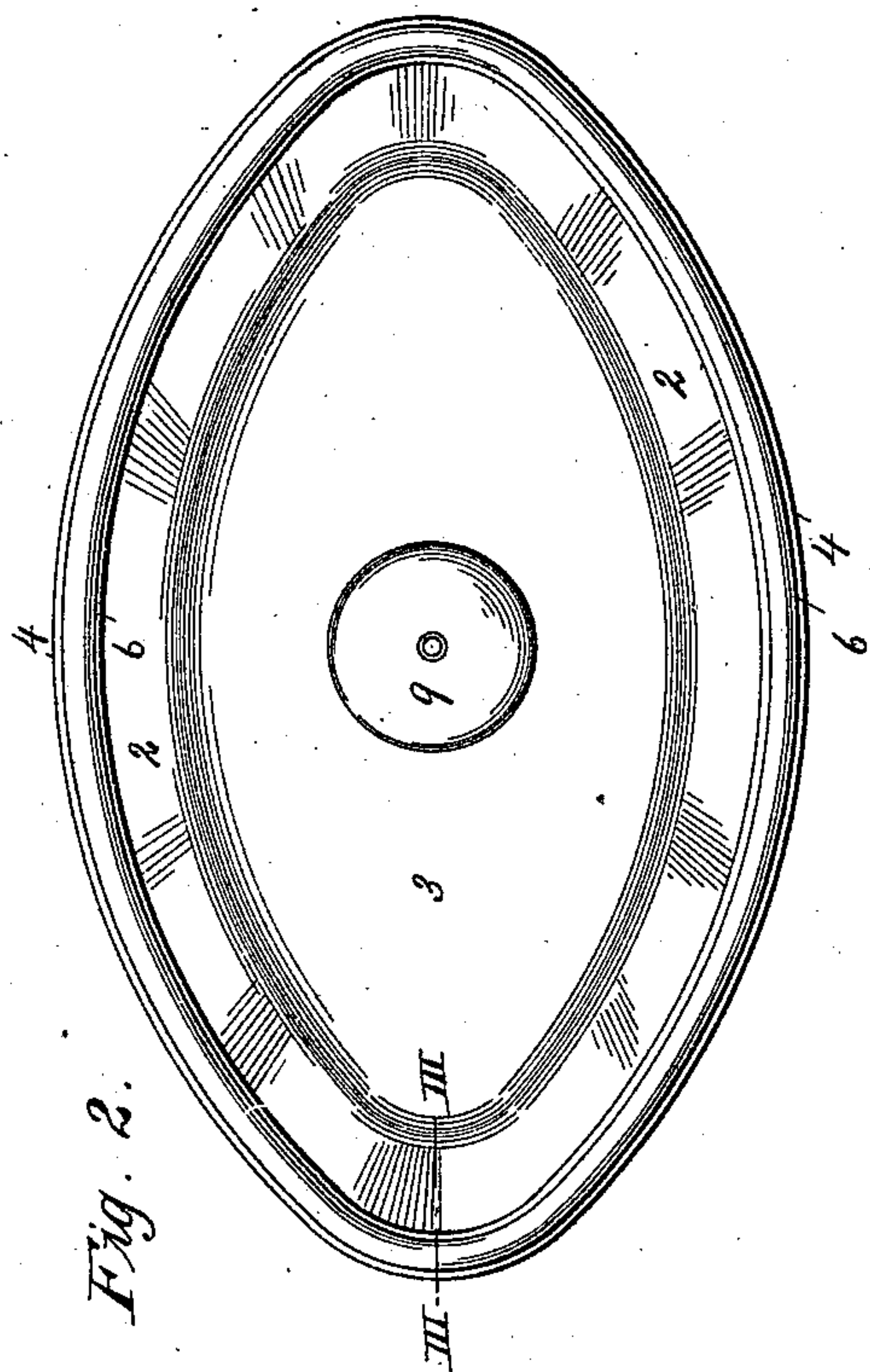
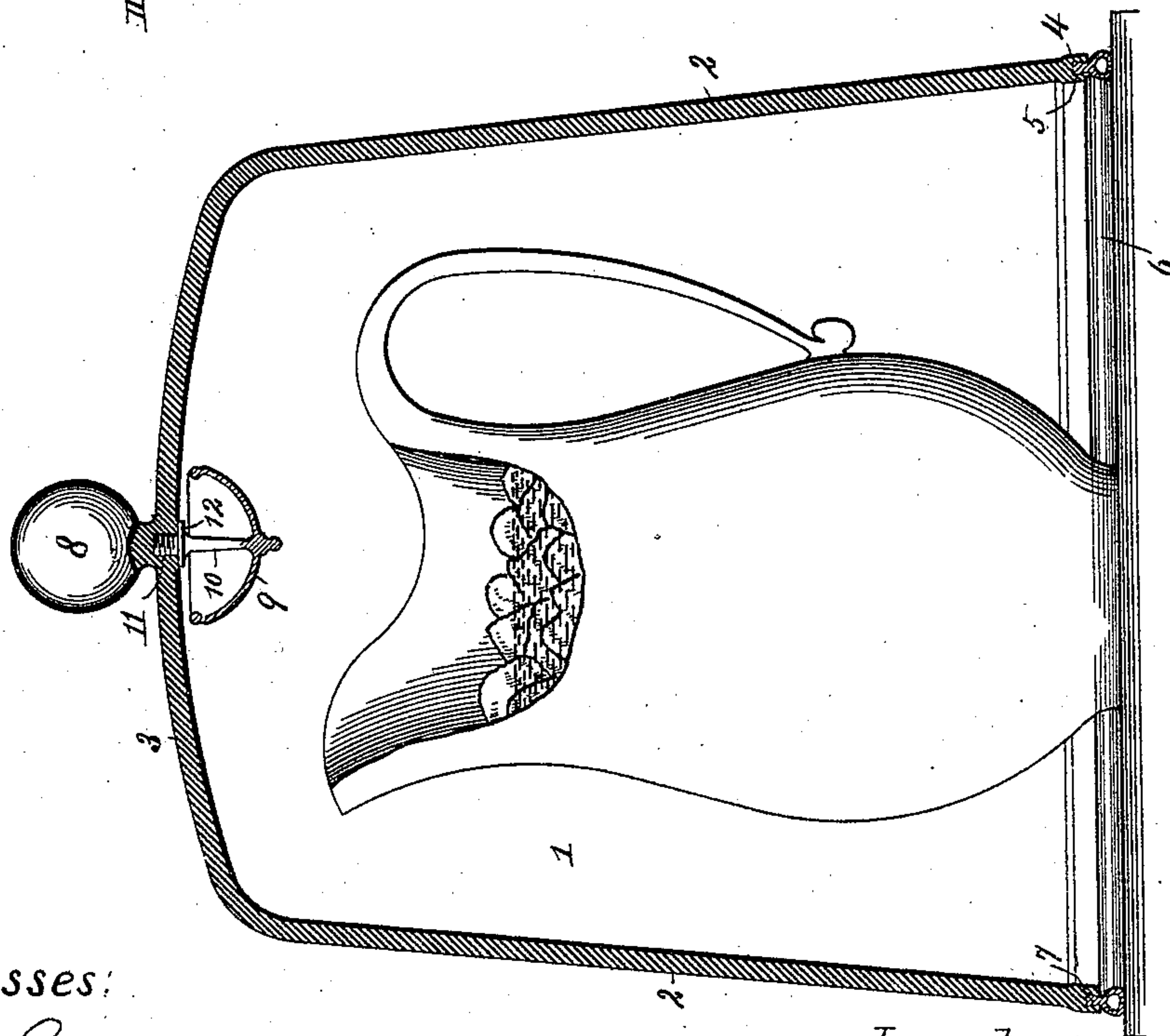


Fig. 1.



Witnesses:

F. G. Fischer
Geo. P. Hodge

Inventor:

J. Wilkerson

UNITED STATES PATENT OFFICE.

JOHN WILKERSON, OF KANSAS CITY, MISSOURI.

NON-CONDUCTING HOOD.

SPECIFICATION forming part of Letters Patent No. 575,680, dated January 19, 1897.

Application filed September 19, 1896. Serial No. 606,453. (No model.)

To all whom it may concern:

Be it known that I, JOHN WILKERSON, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Non-Conducting Hoods, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to improvements in non-conducting hoods; and the object of my invention is to provide a device of this character which when placed over a pitcher containing ice-water will preserve the ice therein for a much longer period than if it were exposed to the action of the outer atmosphere. This device will also be found of value in hospitals or wherever drinking-water is exposed to pollution by disease-germs, as it effectually excludes the same from all receptacles over which it is placed.

In order that the invention may be fully understood, reference will be had to the accompanying drawings, in which—

Figure 1 illustrates a vertical sectional view of the hood in position over a water-pitcher. Fig. 2 is an inverted plan view of the hood. Fig. 3 is a detail section taken on line III III.

In constructing my invention I employ a hood 1, composed of any suitable non-conducting material, having sides 2 of an elliptical configuration, (in plan view.) Said sides slope outwardly toward their bottom portion and are closed at their upper portion by an arched top 3, formed integral therewith. The lower portion 4 of the hood is enlarged and provided with a dovetail groove 5, which extends completely around its under surface.

6 indicates a pneumatic cushion, composed of rubber or other flexible material, which is secured in groove 5 by its upper solid portion 7. This cushion being pliable readily adapts itself to any slight unevenness that may exist in the surface upon which it is placed, and thus renders the hood air-tight.

For convenience in handling the hood I provide its top portion with a centrally-disposed knob 8, which is preferably formed integral with said top.

9 indicates a hemispherical receptacle provided with a central stem 10, threaded at its upper terminal for engagement with female threads 11, centrally located in the under side of the top portion of the hood. Said stem is also provided with a collar 12, which impinges against the under side of the top portion of the hood when the receptacle is in position in order to impart rigidity thereto. The purpose of said receptacle is to receive any suitable substance capable of emitting a gas containing medicinal properties, for absorption by the water beneath the hood. This substance may be varied to meet the requirements of different cases. By thus placing the substance above the water it will retain its medicinal properties for an indefinite period and obviate the necessity of recharging the receptacle for each pitcher of water, as would be the case were it placed directly within the water.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

A non-conducting hood consisting of sloping sides and an arched top, a knob located upon said top, a dovetail groove extending around the bottom of the hood, and a pneumatic cushion having a solid portion adapted to fit said groove, in combination with a hemispherical receptacle provided with a threaded stem which is screwed into the under side of the top portion of the hood, substantially as shown.

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

JOHN WILKERSON.

Witnesses:

F. G. FISCHER,
NELSON DUNHAM.