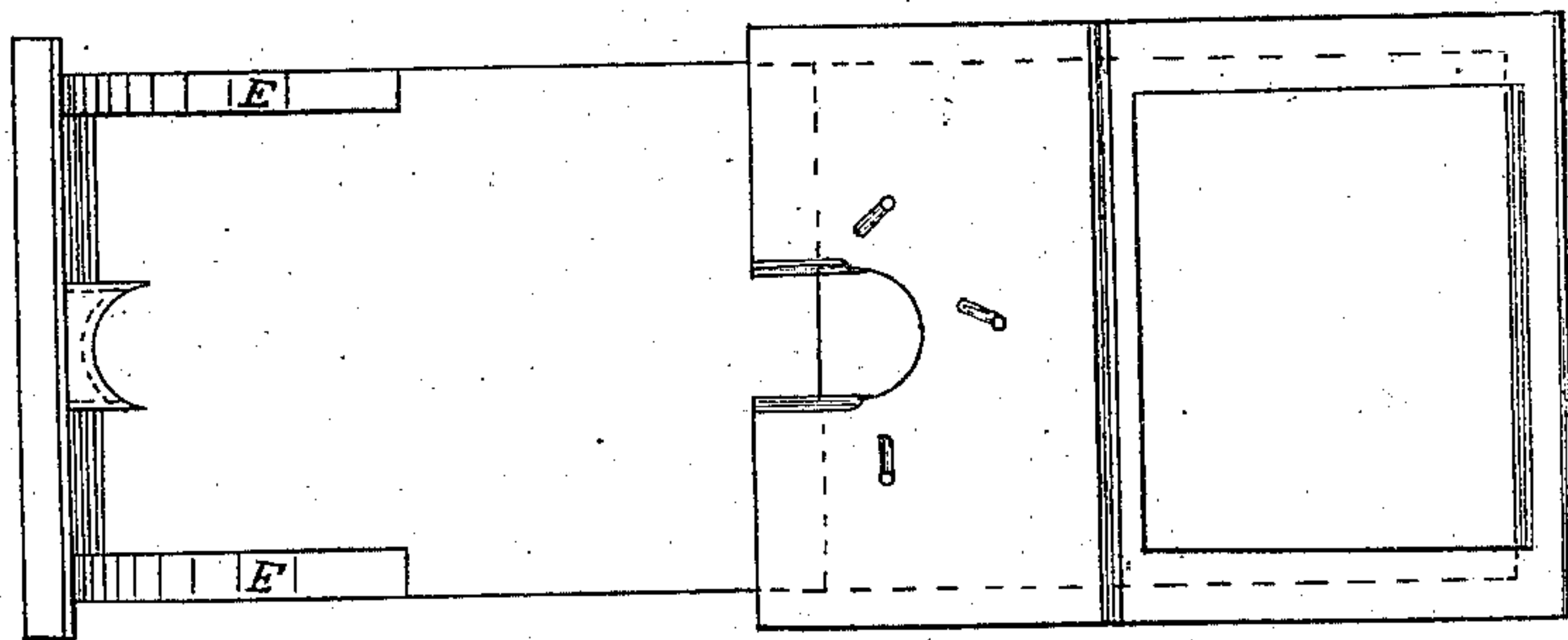
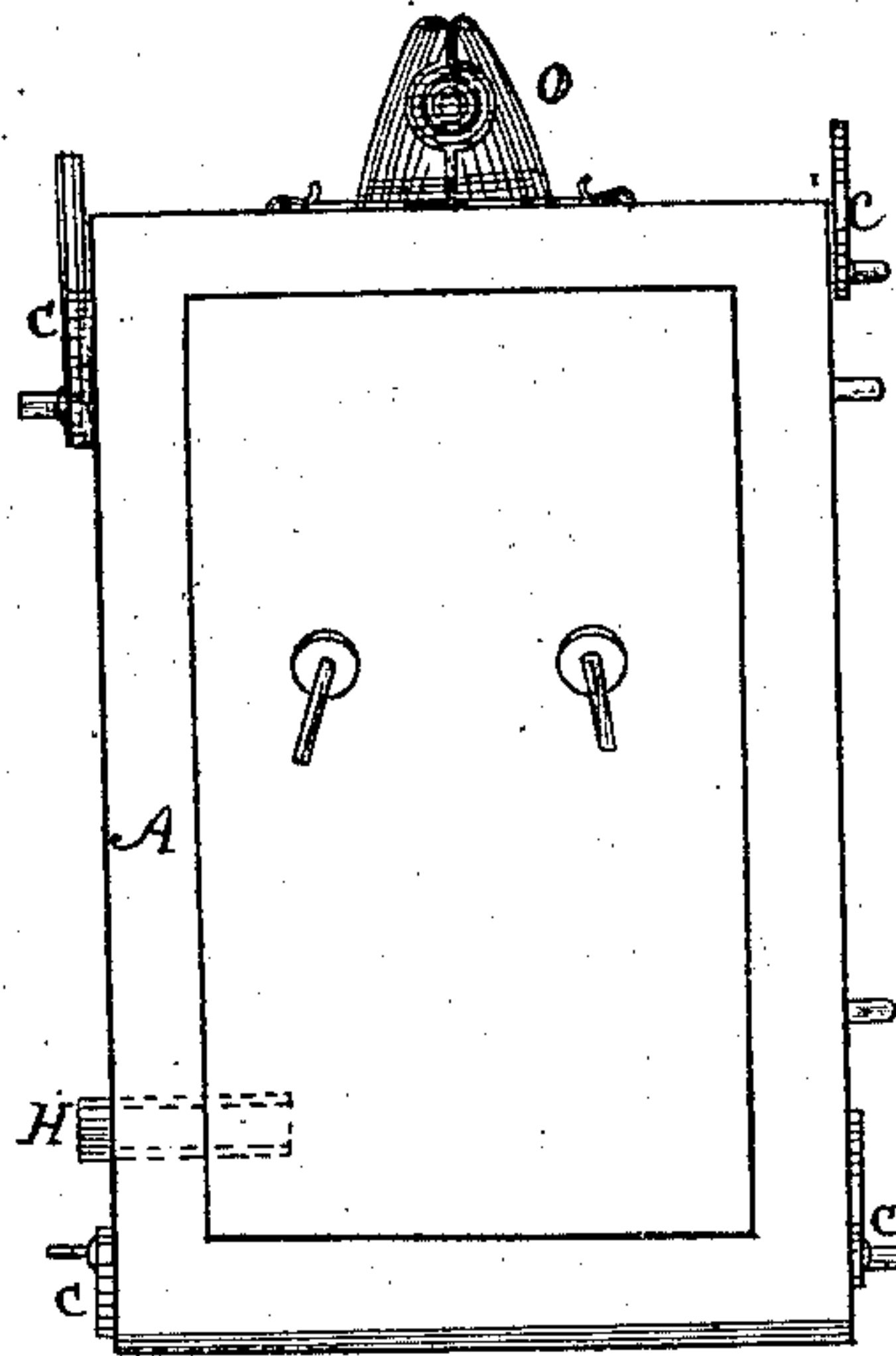
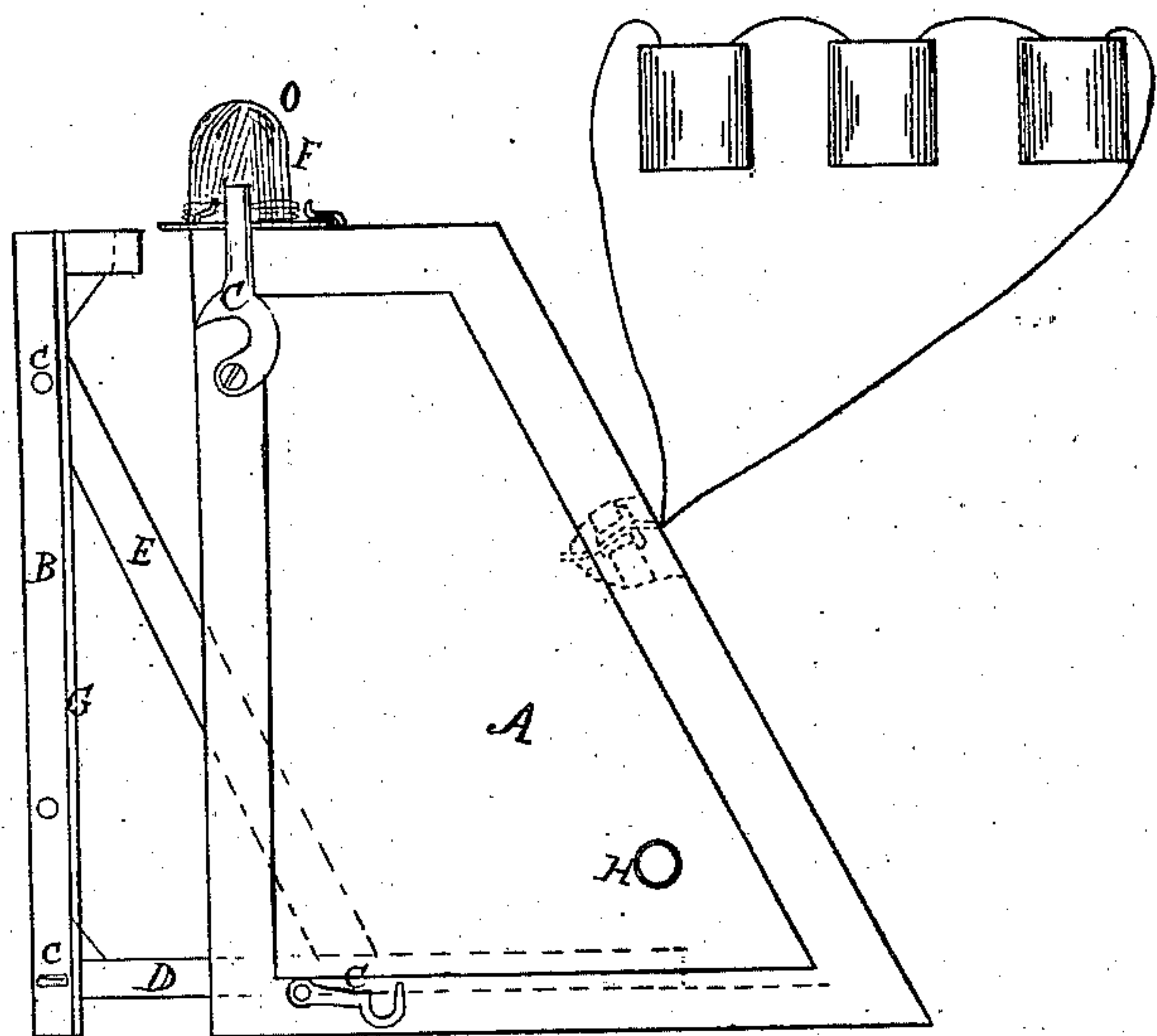


Winterburn & Kent.
 Electrical-Bath:
 N^o 79929. Patented Jul. 14, 1868.



Witnesses

J. W. B. Fairington
 Jas. A. Leroy

Inventor
 Chas. Winterburn
 Wm. Kent
 Per. M. M. C.
 Attorney

United States Patent Office.

CHARLES WINTERBURN AND WILLIAM KENT, OF CINCINNATI, OHIO.

Letters Patent No. 79,929, dated July 14, 1868.

IMPROVEMENT IN ELECTRICAL BATHS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that we, CHARLES WINTERBURN and WILLIAM KENT, of Cincinnati, in the county of Hamilton, and State of Ohio, have invented new and improved Vapor or Medicated Baths *in vacuo*; and we do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, forming part of this specification.

The nature of our invention consists in the application of electricity to the human body while the latter is *in vacuo*, as will be hereinafter more fully described.

To enable others skilled in the art to make and use our invention, we will proceed to describe its construction and operation.

Letters of like name and kind refer to like parts in each of the figures.

A represents a box, made of wood or other suitable material, with the rear portion sloping at an angle of about sixty degrees.

B is the front portion of the box, which is made to fit closely to the main portion, and secured thereto by means of hooks and eyes, C. Near the bottom of the front portion of the said box is a board or platform, D, extending back into and across the bottom of the main portion, and supported by braces E E.

Upon the upper side of the box A is a flexible cap, O, or opening, through which to admit the head of the patient while being treated, as seen at F in the drawings.

In constructing our apparatus, we usually make the base about forty-four inches long and about twenty-seven inches wide, with an altitude of about forty-four inches, with the upper base about twenty-eight inches long and about twenty-seven inches wide, but these dimensions may be varied without materially changing the results of our invention.

The operation consists in introducing the patient into the box A by removing the front portion of the same, then closing it, and securing it by means of the hooks and eyes, as before described, and by means of the elastic rubber packing, secured upon the edge of the movable portion of the box, it is rendered air-tight, so that any kind of medicated vapor may be introduced through the orifice or opening H, and out of which the air may be exhausted for the purpose of producing a vacuum, if desired.

Copper wires are also introduced into the box for the purpose of administering electricity to or at any parts of the body of the patient that may be desired, the battery being represented in red lines in the drawing, as also the points of introduction of the copper wires.

It will be understood that the object of exhausting the air from the box is that by the removal of a portion of the air, the capillaries are excited to a universal action, and while under this influence such medicated vapors may be administered as the nature of the case may require.

In the ordinary administration of these vapors in combination with the vacuum, the action is upon the capillary system, removing obstructions therefrom; also, by this combination, diseases caused by obstructions or derangement are speedily overcome, the parts affected are supplied with a sufficiency of blood and such remedial agents as the diagnosis of the case demands.

Having thus described our invention, we claim as new, and desire to secure by Letters Patent—
The application of electricity to the human body while the latter is *in vacuo*.

CHAS. WINTERBURN,
WILLIAM KENT.

Witnesses for WINTERBURN:

WM. F. McNAMARA,
CHARLES ROGERS.

Witnesses for KENT:

JOHN FERRIS,
CHARLES JACKSON.