

E. Drevet. Hose Rack, Drier, and Ventilator. PATENTED JUN 27 1871

116279

Fig. 1

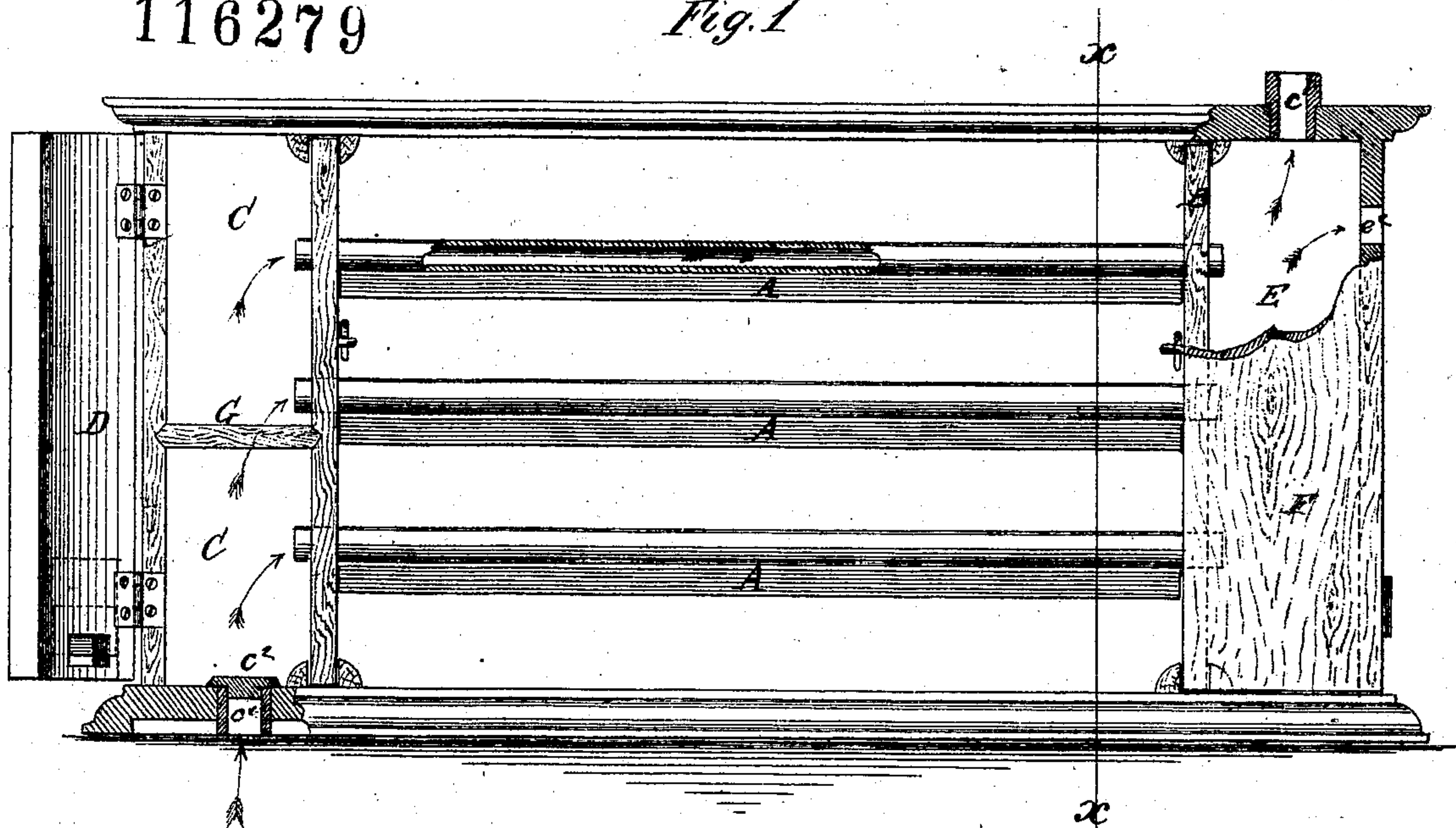
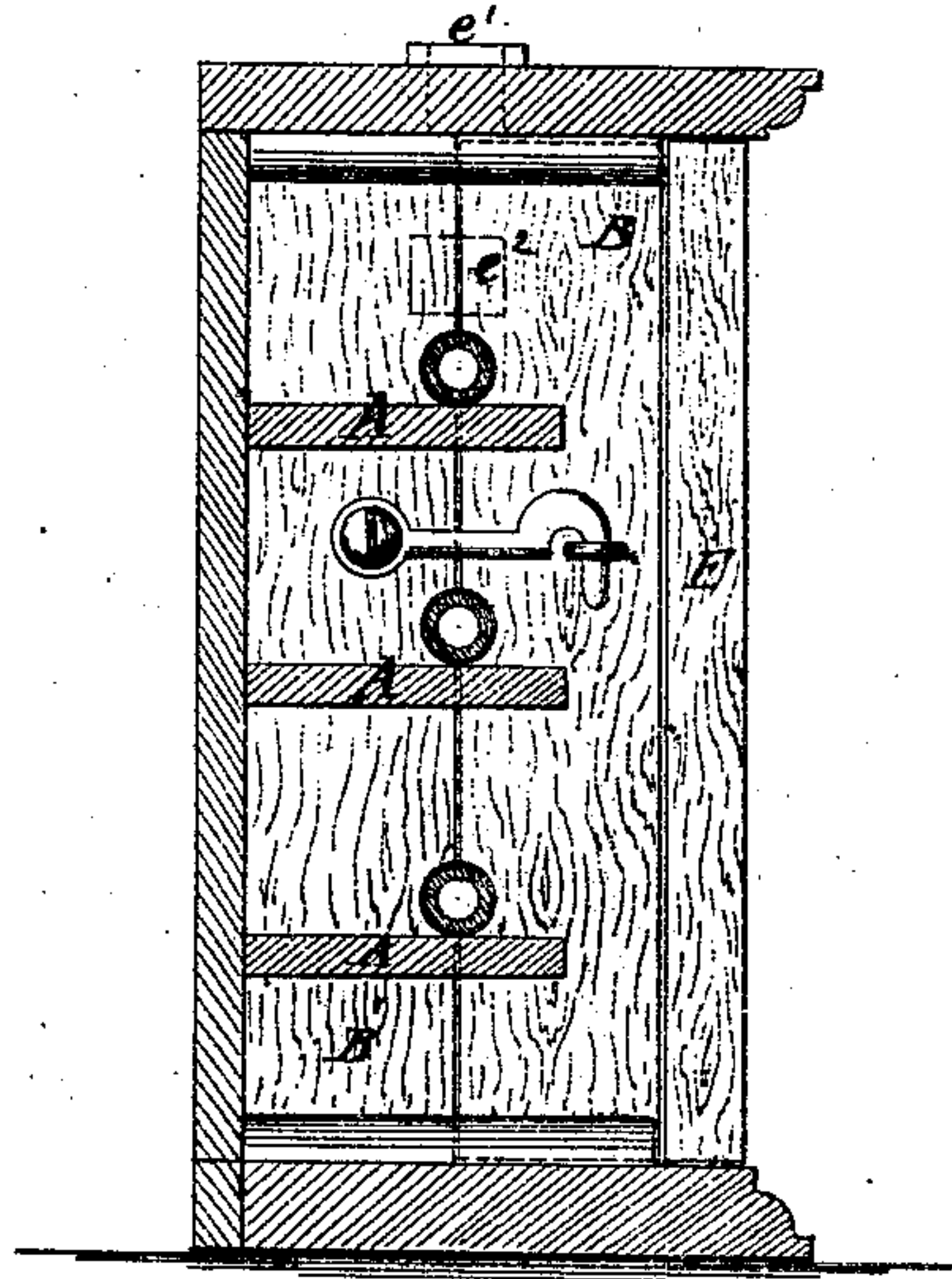


Fig. 2



Witnesses:

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UNITED STATES PATENT OFFICE.

ERNEST DREVET, OF NEW YORK, N. Y.

IMPROVEMENT IN DRIERS.

Specification forming part of Letters Patent No. 116,279, dated June 27, 1871.

To all whom it may concern:

Be it known that I, ERNEST DREVET, of the city, county, and State of New York, have invented a new and useful Improvement in Hose-Rack, Drier, and Ventilator; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 is a detail front view of my improved device, parts being broken away to show the construction. Fig. 2 is a detail cross-section of the same taken through the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish a simple, convenient, and effective means for drying hose quickly and thoroughly throughout their entire length, thus having the hose always in order, and not weakened or rotted in spots from being imperfectly dried; and it consists in the construction and combination of the various parts of the device, as hereinafter more fully described.

A are shelves, slats, or racks to support the hose in line while being dried. At each end of the shelves, slats, or racks A are partitions B, having holes formed in them to receive the ends of the lengths of hose, which holes should be of such a size as to fit air-tight upon the ends of the lengths of hose. The partitions B should be made in two parts, the line of division running through the holes that receive the ends of the hose, and the outer or forward part should be detachable for convenience in putting in and taking out the hose. The rack A B may be arranged so that the lengths of hose may be horizontal, as shown in the drawing, or inclined or vertical, as may be desired or convenient. C is a closet formed at one end of the rack A B, which should be made air-tight, and should be provided

with an air-tight door, D. In the bottom or lower part of the closet C is formed an opening, *c*¹, with which may be connected a pipe leading to a hot-air drum or other heater to introduce hot air into the closet C, from which it can only escape by passing through the lengths of hose. The passage *c*¹ should be provided with a cap, *c*², or damper to enable the blast of hot air to be shut off when desired. The door should also have an opening in its lower part, closed with an air-tight slide or damper, to allow cold air to be introduced and forced through the hose. At the other end of the rack A B is formed another air-tight closet, E, which should be provided with an air-tight door, F, and with an opening, *e*¹, in its upper part leading into the chimney-flue, or with an opening, *e*², leading out through the wall, and which should be provided with a ventilator. In case the draught of the flue or ventilator may not be sufficient to force a sufficiently strong blast through the hose, a fan-blower may be employed to force or exhaust the air through said hose. The wet hose should be placed upon the lower part of the rack A B, and the closet C should be provided with a detachable and adjustable partition, G, to enable the blast to be forced through any desired number of said lengths of hose.

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

A hose-rack, A B, having at its ends air-tight closets C E provided with one or more openings for the ingress and egress of air, substantially as herein shown and described, and for the purpose set forth.

The above specification of my invention signed by me this 16th day of May, 1871.

ERNEST DREVET.

JAMES T. GRAHAM,
T. B. MOSHER.