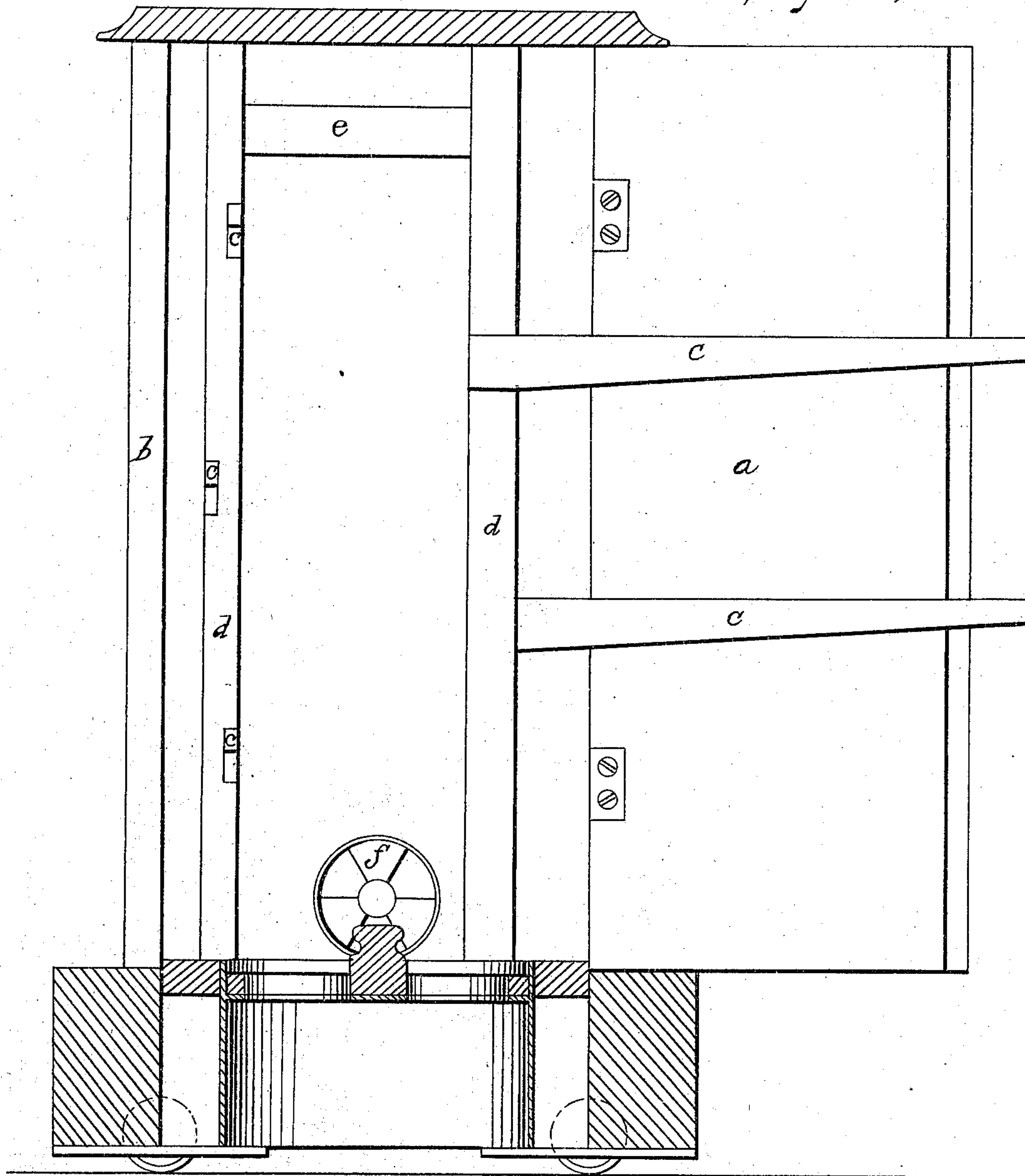


C. Crane,

Clothes Frame,

Nº 81,606,

Patented Sept. 1, 1868.



United States Patent Office.

CORDIAL CRANE, OF BOSTON, MASSACHUSETTS.

Letters Patent No. 81,606, dated September 1, 1868.

IMPROVEMENT IN DRIERS.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that I, CORDIAL CRANE, of Boston, in the county of Suffolk, and State of Massachusetts, have invented an Improved Portable Clothes-Drier; and I do hereby declare that the following, taken in connection with the drawings which accompany and form part of this specification, is a description of my invention sufficient to enable those skilled in the art to practise it.

At the present time, when many persons and families are confined to but few rooms, and often not having access to yard-room or the house-tops, it is an object to make much of the household-furniture used, in such a manner that it shall subserve more than one purpose, and shall conceal one or more utilitarian purposes, after the manner of wardrobe and sofa-beds, &c.

The object of my invention is to provide a means for drying articles of clothing from the wash, in such a manner as to conceal them, and by a means which, when not employed as a clothes-drier, may be made to serve the purposes of a common wardrobe, and also of a stand, or table, or of a cupboard.

To effect my purpose, I construct a kind of closet, which is best mounted on casters for convenience of moving from place to place, said closet being provided with doors on one or more sides, and having in its base a pipe or opening through which the heated air entering a room from a furnace or other means for heating, is made to pass into the closet, which is further provided with racks, over which clothes can be hung within the interior of the closet.

This closet is also provided at or near its top with an outlet or outlets, through which the hot air, as it ascends and absorbs the moisture from the damp clothes, may escape either into the room or into a passage, which may be connected with the chimney or other flue leading from the room.

I prefer to make the racks so as to swing outward from the closet through its open doors, for convenience in placing or removing the clothes.

As many rooms receive their heat from registers opening out of the walls instead of the floor, the closet may have, at one of its sides, an opening, arranged, as to size and height from the floor, to suit such registers.

This apparatus, when not placed over or in connection with a register, may occupy any convenient location in a room, and being made somewhat ornamental, will appear like a commode, or cupboard, or sewing-machine case, and its top may serve the purpose of a stand or table, while the racks may be hung with any articles of clothing, such as are kept in wardrobes, or shelves may be placed on the racks, and crockery or other articles for family use may be located thereon.

The drawing shows in cross vertical section, and in elevation beyond the section, one of my improved driers, the door *a* on one side being represented as open, while the door *b*, on the opposite side, is represented as closed, and racks *c c* are shown as mounted on pivoted posts *d*, capable of swinging outward, as seen on the right hand of the drawing.

The base or bottom board of the closet has a skirting around it, coming as nearly to the floor as the free operation of the casters will permit, and through said base an opening is made, which may be controlled by a register or valve, if desired, through which the heated air ascends to the interior of the drier, and, passing amongst the damp articles suspended on the racks, finds an exit through the opening *e*, at the top of the drier. The opening in the side of the drier to match the wall-registers is represented at *f*.

I claim, as a new article of manufacture, a clothes-drying closet, constructed with doors and pivoted racks, and provided with inlet-passages to receive heated air from register-pipes, and with outlets for the escape of heated air saturated with moisture, all substantially as and for the purpose described.

CORDIAL CRANE.

Witnesses:

J. B. CROSBY,

C. WARREN BROWN.