

(No Model.)

W. H. PEIRCE.

COLLAPSIBLE TELESCOPIC HOT AIR CABINET.

No. 580,217.

Patented Apr. 6, 1897.

Fig. 1.

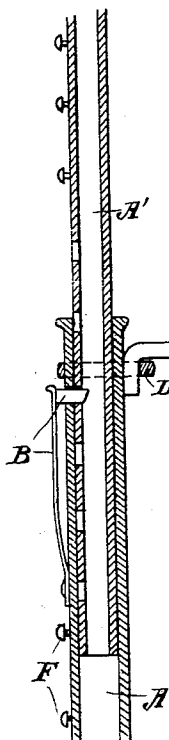
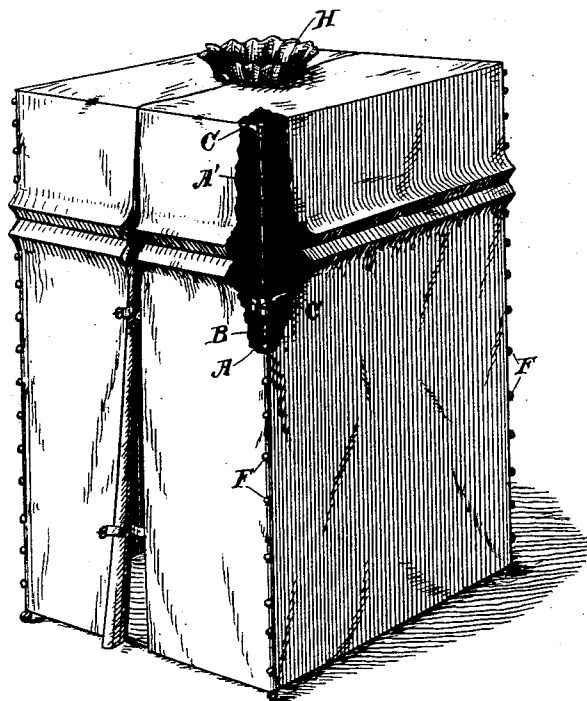


Fig. 2.

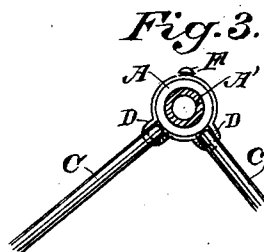


Fig. 3.

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UNITED STATES PATENT OFFICE.

WILLIAM H. PEIRCE, OF SAN FRANCISCO, CALIFORNIA.

COLLAPSIBLE TELESCOPIC HOT-AIR CABINET.

SPECIFICATION forming part of Letters Patent No. 580,217, dated April 6, 1897.

Application filed July 2, 1896. Serial No. 597,834. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. PEIRCE, a citizen of the United States, residing in the city and county of San Francisco, State of California, have invented an Improvement in Collapsible Telescopic Hot-Air Cabinets; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to an adjustable cabinet which is especially designed for the purpose of hot-air bathing and treatment.

It consists in certain details of construction which, will be more fully explained by reference to the accompanying drawings, in which—

Figure 1 is an exterior view of my apparatus. Fig. 2 is a separate view of one of the posts, showing the telescopic adjustable arrangement. Fig. 3 is a horizontal section through the upper post.

The object of my arrangement is to provide a cabinet which may be made to form an inclosed chamber within which the person is seated for the purpose of applying a hot-air bath for treatment, said chamber being adjustable for different heights of persons by means of a telescopic framework and being adapted to be taken to pieces and folded up for convenient transportation.

In the construction of my cabinet I employ vertical hollow posts A, which are made of any suitable or desired height less than that of the shortest person for which the apparatus is to be used.

A' are other tubes of sufficiently small diameter to slide within the tubes A, and these form the upper part of the framework.

To the tubes A may be attached the spring-actuated pawls or latches B, which are adapted to move through slots or openings in the tubes A and to drop into corresponding holes or notches in the telescopic or slidable tubes A', so that these tubes may be placed at any desired point and latched there. These vertical posts are connected together by means of transverse bars C, the ends of which are bent, so as to engage with sockets D, formed or fixed upon the vertical posts, so that they may be easily hooked in and engaged or disengaged. By this arrangement I am enabled to take the framework in pieces and pack it up in very small compass for transportation,

and also to fold it into a rectangular inclosure when it is set up for use. Around the outside of this framework after it has been set up is fitted a covering, which is preferably made of some flexible fabric or material impervious to hot air or vapor. The vertical posts are provided with hooks or buttons F, and the surrounding covering has eyelets adapted to hook upon this attachment, and thus hold the fabric in place.

Whenever the tubes are lengthened or shortened, the fabric will fold at the point of junction of the telescopic tubes, and thus accommodate itself to any desired height.

The top of the fabric is made to fold over and form a covering the edges of which surround the neck of the person and may be drawn up closely by means of draw-strings, as shown at H. Where the edges of the fabric meet in front, they may be drawn together by cords or straps, and thus entirely closed up.

There need be no braces upon the front part of the frame, except at the extreme top and bottom, so that it will be easy for the person to obtain access to or get out of the chamber by simply opening the front of the fabric and the line where it meets at the top. After being seated within the cabinet the neck may be drawn up closely and the front buttoned or fastened, so as to make a tight inclosure.

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

1. In a hot-air cabinet, the combination, of tubular corner-posts, other corner-posts adapted to be slidably fitted to the first-named posts, means on one set of posts engaging with the posts of the other set and vertically adjusting the height of the cabinet, sockets on the stationary posts and transverse connecting-bars having their opposite ends bent to detachably engage said sockets, an exterior flexible covering for the cabinet and devices for securing the corners or angles of the covering to both sets of corner-posts, said covering having a neck-opening and a closable front.

2. A combined hot-air cabinet, consisting of the vertical tubular corner-posts extending a portion of the height of the apparatus

and provided with hooks or buttons, other posts slidable within the first-named posts and provided with hooks or buttons, said posts having sockets, transverse rods or bars
5 extending between corner-posts and having bent ends to detachably engage said sockets, spring-actuated latches on the first-named posts adapted to automatically engage the slidable posts, and unite them with the other
10 posts, and hold them at any desired height, and an exterior covering having a front opening with means for closing and uniting the

same, said covering having a series of eyelets adapted to engage with the hooks or buttons on each corner-post and being extended over 15 the top of the cabinet and having a central opening for the neck.

In witness whereof I have hereunto set my hand.

WILLIAM H. PEIRCE.

Witnesses:

S. H. NOURSE,
JESSIE C. BRODIE.