

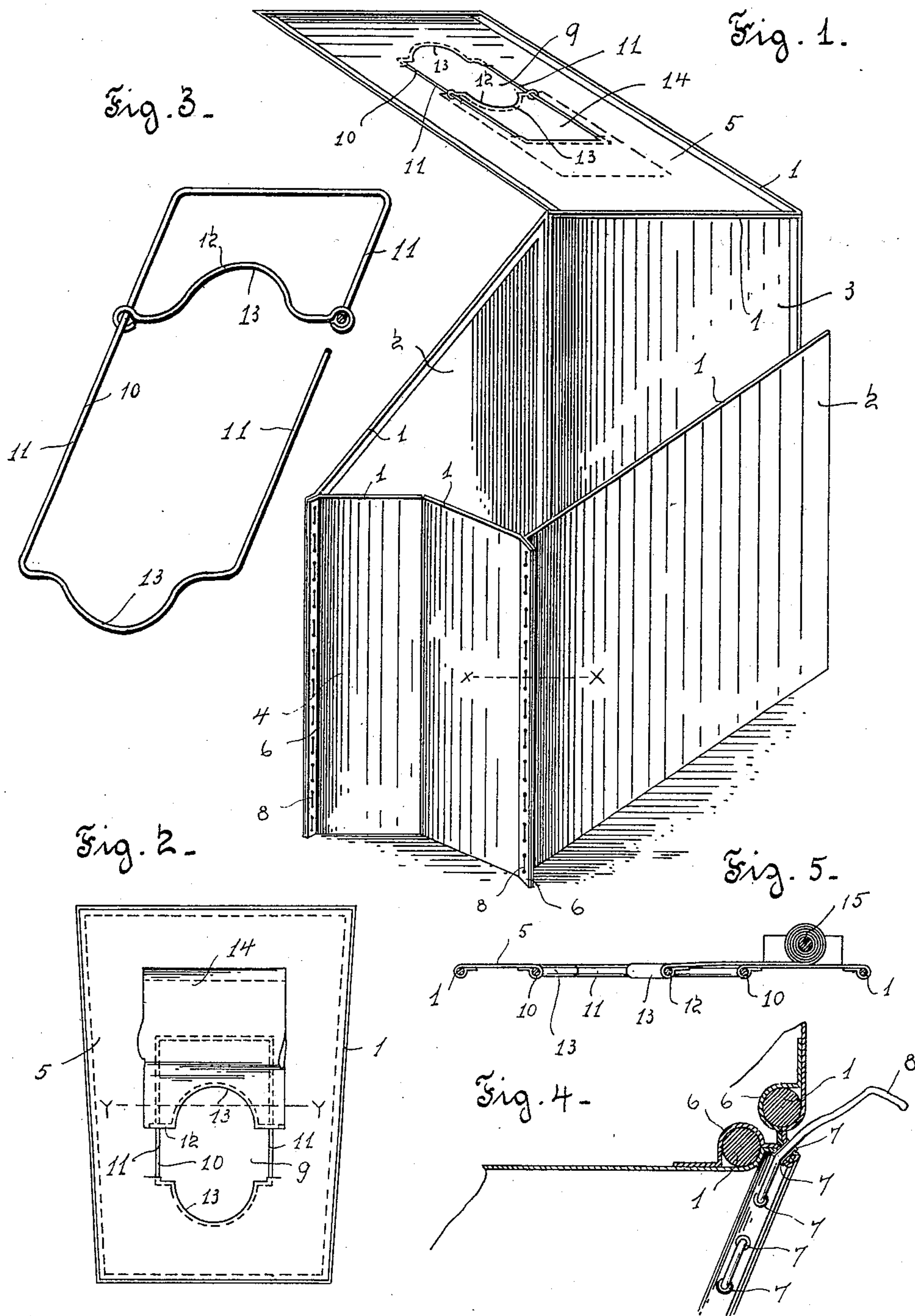
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Patented Jan. 16, 1900.

W. E. HETTRICK.
THERMAL BATH CABINET.

(Application filed July 8, 1899.)

(No Model.)



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UNITED STATES PATENT OFFICE.

WILLIAM E. HETTRICK, OF TOLEDO, OHIO.

THERMAL-BATH CABINET.

SPECIFICATION forming part of Letters Patent No. 641,386, dated January 16, 1900.

Application filed July 8, 1899. Serial No. 723,155. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM E. HETTRICK, a citizen of the United States, residing at Toledo, in the county of Lucas and State of Ohio, have invented a new and useful Improvement in Thermal-Bath Cabinets, of which the following is a specification.

My invention relates to a thermal-bath cabinet, and has for its object to provide an article of the kind, first, that may be readily inclosed and adjusted about the occupant and opened at will from within it by the occupant without external assistance; second, that may be folded compactly together for storage; third, that may be easily taken apart for cleaning and put together for use, and, finally, to produce a bath-cabinet that is economical in construction and durable. I attain these objects by constructing the cabinet of a plurality of frames, each provided with an impervious flexible covering and hinged together by means of lacings run through eyelets, or by buttons, or hooks and eyes, or other suitable and convenient means secured in marginal projections of the coverings of the frames to form them into a cabinet and forming hinges whereby the cabinet so formed may be folded into a compact package for storage or be readily taken apart for the purpose of cleaning.

The invention further consists of a new and novel construction of a throat or neck flap, whereby an occupant can readily complete the inclosure of himself or herself within the cabinet without external assistance, and the construction of the top closure is such that the occupant can leave the cabinet immediately, if occasion requires, by opening the flap and lifting the top closure, which is preferably hinged to the door-section.

I have found that in cabinets constructed with a continuous cover the cover is soon worn out at the corners, and particularly such portions of the cloth as are used to pivotally secure the sections at the floor, which defects are wholly obviated by my method of pivotally securing the sections by means of lacings run through eyelets, or by buttons, or hooks and eyes, which are preferably fastened to the projecting margins formed upon the sides of each frame. The construction of the cabinet in separate parts is also more convenient and economical.

In the drawings, in which similar reference-numerals represent similar parts, Figure 1 is an isometric view of a cabinet constructed in accordance with my invention. Fig. 2 is a top plan view of the same. Fig. 3 is an isometric view in the line $x x$ of Fig. 1. Fig. 4 is an isometric view of the adjustable neck-frame. Fig. 5 is a longitudinal section through the top closure, showing the employment of a spring-roller for adjustment of the neck-flap.

In carrying out my invention I employ a plurality of frames 1, adapted to form the sides 2, the door 3, the foldable back 4, and the top closure 5. All of the frames are covered severally by an impervious textile fabric extending beyond the sides of the frames, which are secured in the marginal bights 6 of the fabric. The margins are further adapted to provide for suitably securing the sections to form a cabinet when assembled, and for such purpose I have preferably provided a plurality of eyelets 7, secured in each of the marginal projections, whereby by running a single string or lacing 8 through the eyelets the several sections are thereby secured together to form a cabinet adapted to be folded into a compact package for storage or for shipment. I may also substitute buttons, hooks and eyes, or other suitable means for marginally securing the sections in extensible assemblage, whereby the sections can be readily detached from each other for convenience in cleaning and facilitating the manufacture of the cabinet.

The fabric covering of the door-frame 3 is extended to provide covering material for the top closure 5, the frame of which is pivotally secured to the door-frame by the flexible fabric.

Within the area of the top closure 5 there is formed an opening 9 for the protruding of the occupant's head, and in the margin of this opening there is secured a frame 10, having mounted upon its parallel sides 11 a movable bar 12.

Both the movable bar 12 and the frame 10 are formed with a semicircular recess 13, adapted to coactingly embrace the neck of the occupant and provide for an adjustable and removable closure for the neck-opening by securing flap 14 to the movable bar and to the top closure. I may also secure to the top

closure a spring-roller 15, adapted to receive the flap 14. The neck-closure is adapted to be operated from within by the occupant, and thereby provide a convenient means for in-
5 closing the neck and retaining the caloric within the cabinet.

The back frame of the cabinet is foldable upon itself, and the method of folding can be readily inferred from the drawings.

10 In folding, the top closure is swung outward against the door-section, the back section is doubled upon itself, which brings the sides together, and the door is swung against the side, to which it is pivotally secured.

15 By constructing the sections separately the manipulation of the material is facilitated, and the lacing provides a flexible means for pivotally securing the sections and to prevent the breaking of the textile covering in cold
20 weather and insures a rigid assemblage of the several frames when in operative position as a cabinet.

What I claim to be new, and desire to secure by Letters Patent, is—

25 1. In combination in a thermal-bath cabinet, a plurality of side sections, and a top-closure section, each section comprising a frame having its own separate covering of impervious flexible material secured thereto by being
30 bighted around the frame, and having a portion of the bights projecting beyond the sides of the frame to form margins; eyelets secured in the margins; lacings run through the eyelets of adjacent margins, whereby the side
35 sections are pivotally secured together in succession and the top-closure section is secured to the top of one of the end side sections, the top section being adapted, when the free margins of the end side sections are brought to-
40 gether with the side sections in vertical position resting on the floor, to complete the inclosure formed by the side sections and the floor; an opening in the covering material of the top section for obtruding the head of the
45 occupant of the inclosure so formed, the opening being provided with a frame secured to the covering material, having an embrasure formed on one side of the frame to receive the neck of the occupant; and a flap secured to
50 the frame of the opening adapted to close the opening about the neck of the occupant and to be adjusted by the occupant from within the inclosure.

55 2. In combination in a thermal-bath cabinet, a plurality of side sections and a door-section, each side section comprising a frame having its own separate covering of impervious flexible material secured thereto by being bighted around the frame, and having a
60 portion of the bight projecting beyond the sides of the frame to form margins, and the door-section comprising a side frame and a top-closure frame pivotally connected by having the covering of the door-frame extended
65 to cover the top frame and similarly bighted about the frames with margins; eyelets secured in the margins; lacings run through

the eyelets of adjacent margins whereby the side sections are pivotally secured together in succession and to the door-section, the top-
70 closure portion of the door-section being adapted, when the free margin of the end side section is brought to connect with the free margin of the door-section with the side
75 sections in vertical position resting on the floor, to complete the inclosure formed by the side sections and the floor; an opening in the covering material of the top frame for obtruding the head of an occupant of the in-
80 closure so formed, the opening being provided with a frame secured to the covering, having a semicircular embrasure in one end adapted to receive the neck of the occupant, and with a movable bar, having an oppo-
85 sitely-disposed similar embrasure; and a flap secured at one end to the movable bar and at the opposite end to the top closure, adapted to close the opening about the neck of the occupant and be operated by the occupant
90 from within the cabinet so formed.

3. In combination in a thermal-bath cabinet, a plurality of side sections and a door-section, each side section comprising a frame having its own separate covering of impervious flexible material secured thereto by being
95 bighted around the frame, and having a portion of the bight projecting beyond the sides of the frame to form margins, and the door-section comprising a side frame and a top-closure frame pivotally connected by hav-
100 ing the covering of the door-frame extended to cover the top frame and similarly bighted about the frames with margins; eyelets secured in the margins; lacings run through the eyelets of adjacent margins whereby the
105 side sections are pivotally secured together in succession and to the door-section, the top-closure portion of the door-section being adapted, when the free margin of the end side section is brought to connect with the
110 free margin of the door-section with the side sections in vertical position resting on the floor, to complete the inclosure formed by the side sections and the floor; an opening in the covering material of the top frame for ob-
115 truding the head of the occupant of the inclosure so formed, the opening being provided with a frame secured to the covering, having a semicircular embrasure in one end adapted to receive the neck of the occupant, and with
120 a movable bar, having an oppositely-disposed similar embrasure; and a flap secured at one end to the movable bar, and to a spring-roller secured to the frame, at the opposite
125 end, adapted to automatically roll up the flap and allow it to be unrolled by the occupant, to close the opening from within the cabinet.

In witness whereof I have hereunto subscribed my name this 29th day of June, A. D. 1899.

WILLIAM E. HETTRICK.

Witnesses:

J. A. GLOVER,
P. B. HARBOUR.