(No Model.)

C. F. HODSDON.

PORTABLE HOUSE.

No. 456,307. Patented July 21, 1891.

Fig. 1.

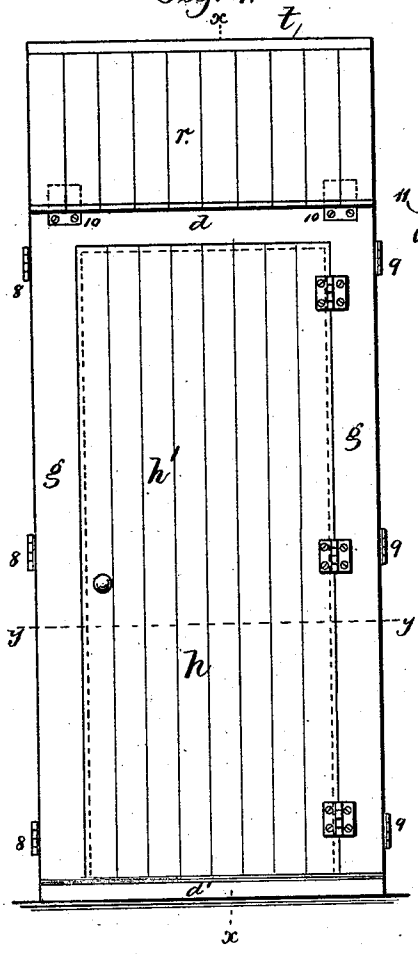


Fig. 2.

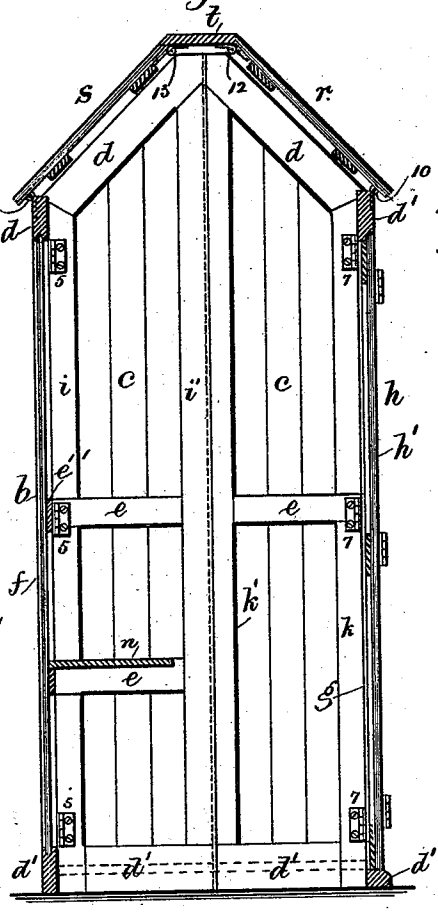


Fig. 4

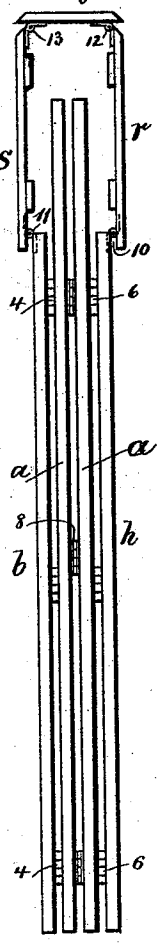
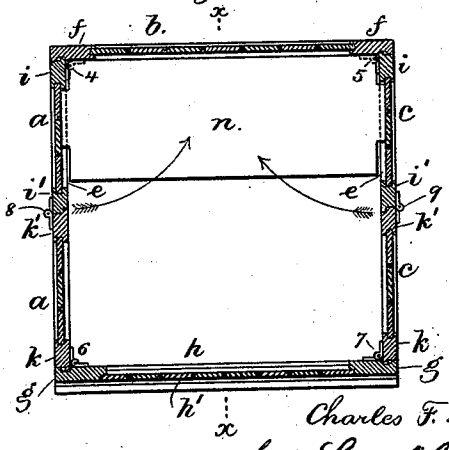


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

CHARLES FRED HODSDON, OF NEW YORK, N. Y.

PORTABLE HOUSE.

SPECIFICATION forming part of Letters Patent No. 456,307, dated July 21, 1891.

Application filed September 30, 1890. Serial No. 366,639. (No model.)

To all whom it may concern:

Be it known that I, CHARLES FRED HODSDON, a citizen of the United States, residing at the city, county, and State of New York, have invented a new and useful Improvement in Portable Houses, of which the following is a specification.

My invention is an improvement upon the devices illustrated and described in Letters Patent No. 442,979, granted to me December 16, 1890, as the assignee of Hans A. Isberg.

The object of my invention is to provide a portable collapsible folding house adapted for use as a bathing-house, a voting-booth, &c., which, when out of season and not needed for use, can be quickly collapsed and folded into a small compass and easily moved from one place of use to another or to a safe place of storage. The advantages of this are apparent, especially in bathing-houses, from the fact that the storms of winter destroy, damage, or displace a large proportion of such structures.

My invention consists in a portable house constructed of front, back, and side sections hinged at their vertical edges. The sides are each made in two sections hinged together and adapted to fold inwardly toward each other, and the upper ends of these side sections are pointed and extend up to the peaked roof. The roof is composed of front and back portions and a central ridge-piece hinged together, and the front and back portions are hinged to the front and back sections of the house.

My improved house can be readily set up for use or collapsed and transported from one place to another or stored away when not in use, and the same when folded occupies but a small space.

In the drawings, Figure 1 is an elevation; Fig. 2, a vertical section at the line $x\,x$ of Figs. 1 and 3; Fig. 3, a sectional plan at the line $y\,y$ of Fig. 1; and Fig. 4 is an edge view of the house folded.

The sides a and c are in two equal sections hinged together by outside hinges 8 9, and said sections are composed of the frame-pieces i i' k k', with intermediate pieces e and top and bottom pieces d d' and vertical tongue-and-grooved boards. The back b and front h are whole sections, the back being composed of frame-pieces f f, d d', and e', and the front is a frame composed of the pieces g g and d d', and in said front frame is a door h', hinged at one side. The side portions a c, the back b, and the front h are hinged together at the inside corners by hinges 4, 5, 6, and 7.

The shelf n or seat rests upon the side pieces e and against the same, and the frame-pieces i and the sections are preferably made with tongue-and-grooved boards, as shown and described in aforesaid patent.

The roof is composed of the front portion r, hinged to the front section h at 10, the back portion s, hinged to the back section b at 11, and the top or ridge piece t, hinged at 12 13 to the portions r and s, respectively. The roof portion is peaked, and the sides a c are pointed and extend up to the roof to form a comparatively close fit. The sections are connected, as set forth in the aforesaid patent, so that they fold in the direction of the arrow, into a compact flat form, the half-sections of a and c folding inwardly between the section b and the front h, the top or roof folding simultaneously with the body, so that the front r and back s come close together, and in this condition the folded house can be transported or stored away.

My improved portable house is especially adapted for use as a bathing-house; but the same is capable of other uses, among which may be mentioned that of a voting-booth.

It is the work of but a few minutes to set up or take down my improved portable house. There are no loose parts to become lost, and the shelf, which is the only loose part, is adapted to be laid within the folded house against the back b, between the strips e and d'. A movable floor may be provided, as indicated by dotted lines, Fig. 2.

I claim as my invention—

The combination, with the hinged side sections a c, pointed at their upper ends and adapted to fold inwardly, and the back section b and front section h, hinged to the side sections, of the roof or top composed of the front r, hinged to the section h, the back s, hinged to the section b, and the ridge-piece t, hinged to the sections r and s, respectively, substantially as set forth.

Signed by me this 19th day of September A. D. 1890.

CHARLES FRED HODSDON.

Witnesses:
ROBT. KLOESS,
THOS. H. HILLIER.