

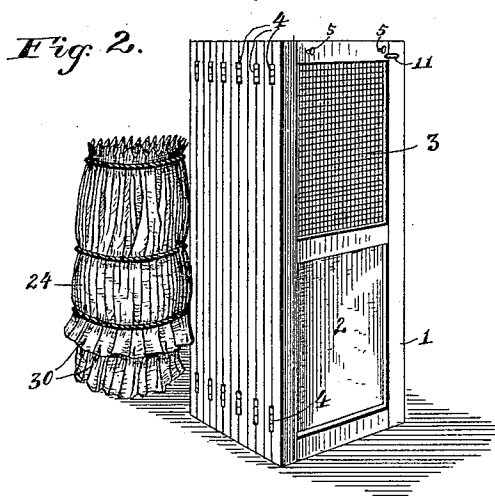
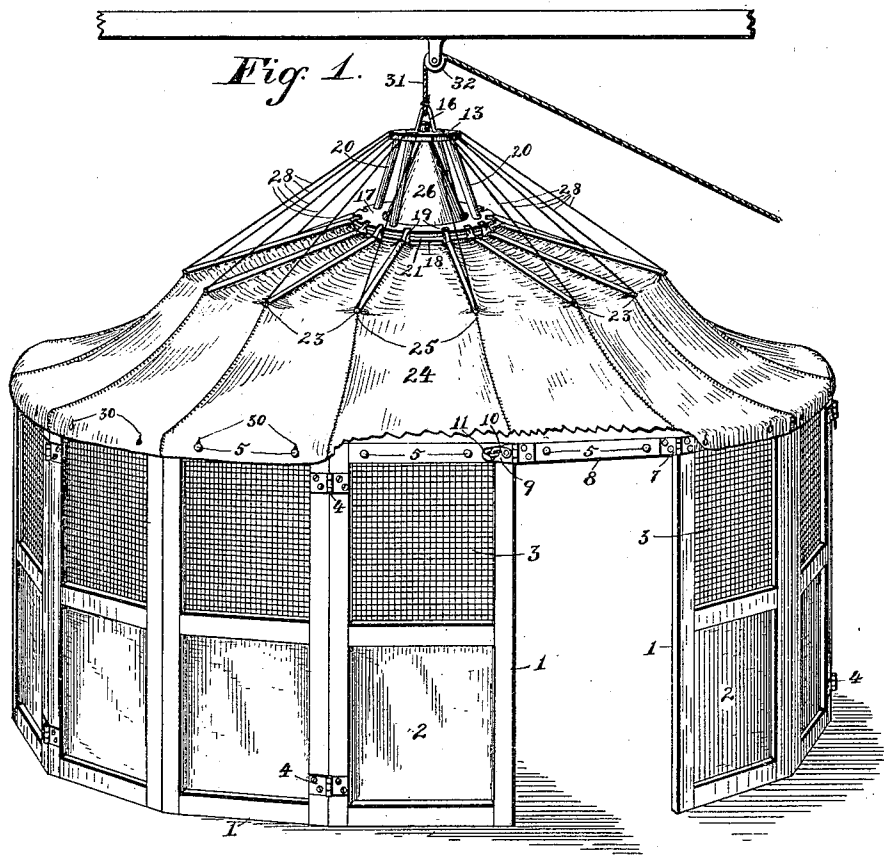
(No. Model.)

2 Sheets—Sheet 1.

W. ORR, Sr.
PORTABLE INDOOR TENT.

No. 459,764.

Patented Sept. 22, 1891.



Witnesses:

Percy C. Bowen.

W. S. Duggell.

By his Attorneys,

William Orr, Sr.

C. A. Snow & Co.

(No Model.)

2 Sheets—Sheet 2.

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PORTABLE INDOOR TENT.

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Fig. 3.

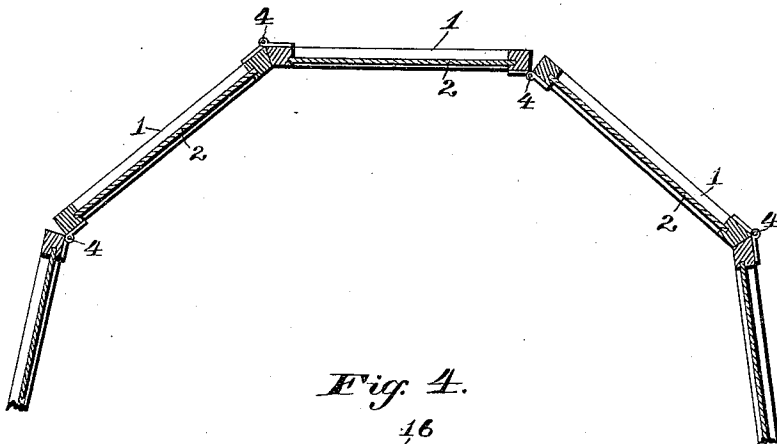
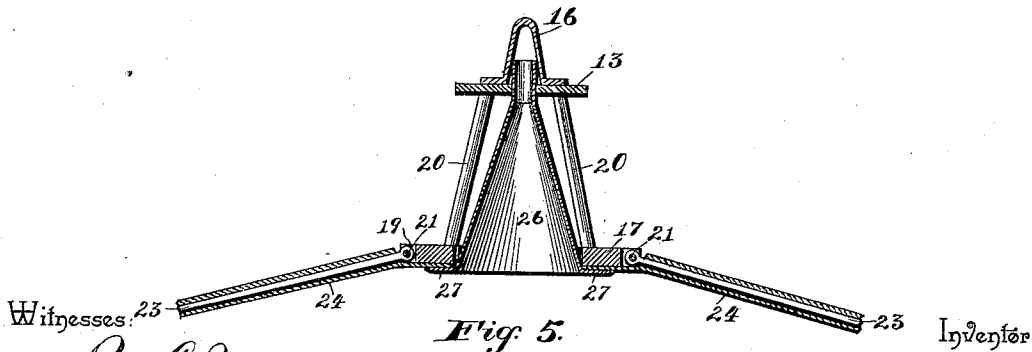
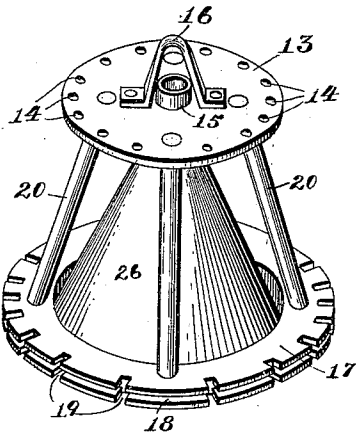


Fig. 4.



Witnesses:

Rory C. Bowen
W. S. Duvall

Fig. 5.

By his Attorneys,

William Orr, Sr.
Cash & Co.

Inventor

UNITED STATES PATENT OFFICE.

WILLIAM ORR, SR., OF ROCHESTER, INDIANA, ASSIGNOR OF TWO-THIRDS TO
CHARLES B. MOORE AND EZRA A. RANNELLS, BOTH OF SAME PLACE.

PORTABLE INDOOR TENT.

SPECIFICATION forming part of Letters Patent No. 459,764, dated September 22, 1891.

Application filed February 27, 1891. Serial No. 383,090. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM ORR, Sr., a citizen of the United States, residing at Rochester, in the county of Fulton and State of Indiana, have invented a new and useful Portable Indoor Tent, of which the following is a specification.

This invention relates to improvements in portable indoor tents; and the objects in view are to provide a tent of cheap and simple construction, adapted to be readily set up or taken down and packed for shipment or transportation; furthermore, to provide a suitable protector for preventing heat from the lamp scorching or burning the roof of the tent, and withal provide a tent especially adapted for indoor use by societies, &c.

Other objects and advantages of the invention will appear in the following description, and the novel features thereof will be particularly pointed out in the claims.

Referring to the drawings, Figure 1 is a perspective of a tent constructed in accordance with my invention, the same being in position for use. Fig. 2 is a view of the same packed ready for shipment. Fig. 3 is a horizontal section. Fig. 4 is a detail in perspective of the roof-supporting ring. Fig. 5 is a vertical section of the roof-supporting ring.

Like numerals of reference indicate like parts in all the figures of the drawings.

In practicing my invention I construct the wall of the tent of a series of wooden frames, oblong in elevation, and divided so as to form upper and lower panels. These frames are formed in sections, and two sections compose the wall of the tent.

1 designates a frame, which is provided with a lower panel 2, of wood, papier-maché, or other like material, and with an upper panel 3, which may be of the same material, of wire-gauze, or of glass. A series of these frames are hinged at alternately-opposite sides, as at 4, so that they may fold in alternate directions one upon the other, as shown in Fig. 2, and are thus packed flat for shipment. The frames are also provided along their upper rails with a series of studs or buttons 5 for a purpose hereinafter apparent. One of the end frames of each section is provided with a hinge 7 at its upper corner, and the same

serves as a means of connecting with a rail or sill 8. The rail or sill 8 has hinged thereto a hasp 9, and pivoted to the side of the hasp is a hook 10. The opposite frame is provided with a staple 11, so that the two sections of frames may be assembled and connected to form a wall, the staple of one section being engaged and locked by the hasp and hook of the opposite section. This also leaves doors at diametrically-opposite sides of the wall. If desired, the entire wall may be formed of a series of connected sections, or two sections may be employed, as in the present instance, and the staples and hasps be employed to connect the adjacent edges of the frames of said sections, as will be apparent, so that but one door will be formed.

13 designates a circular disk, formed of wood, and provided around its periphery with perforations 14 and at its center with a single perforation 15 and a loop 16. Below the disk is a wooden ring 17, having its periphery grooved, as at 18, and notched as at 19. The disk and ring are connected at intervals by short connecting-standards 20. A wire ring 21 is located in the groove 18, and in each notch there is pivoted to the groove a short rib 23.

24 designates the roof of a tent, formed of ducking, canvas, or other suitable waterproof material, and the same is composed of the usual V-shaped gores or sections, between the seams 25 of which the ribs are secured. The roof is provided at its center with an opening, and through the same, upon the bottom side, is passed a conical metal guard 26, the upper edge of which has a reduced opening and extends through and above the central hole of the disk. The base of the guard has a flange 27, between which and the under side of the ring 17 the roof is secured. A series of short guy-ropes 28 are connected to the perforations of the disk 13 and have their outer ends fastened to the outer ends of the ribs. The outer edges of the roof take over the upper edges of the frames and are provided with a series of button-holes or eye-lets 30, which engage the buttons or studs along the upper edges of the frames. The tent may be provided with any ordinary lamp-support, and the flame and smoke of

the lamp will pass up through the conical guard and out into the atmosphere, said guard serving to fully protect the material of which the roof is constructed.

5 From the above construction it will be apparent that I have provided a tent free from corners and other contracted places so frequent in tents and of such little use, and which is light, airy, commodious, easily set
10 up and taken down, and when packed can be readily handled and shipped.

In setting up the tent a rope 31 is connected to the eye of the disk 13 and the other end of the rope passed over a pulley 32, secured to the limb of a tree or other fixed support, as shown, such as the ceiling of a room.
15 In packing, the two sections are disconnected and the frames folded in alternately-opposite directions upon each other, as shown in Fig. 2. The roof is simply lowered, so that the ribs may be gathered up around the center piece of the tent, and that portion of the roof outside the ribs or beyond the ends of the same allowed to fall around the ribs,
20 after which a rope is passed around the folded roof.

The above tent or portable room is especially adapted to be set up in halls where societies hold their meetings, and in this manner a separate room is formed in which degrees may be conferred.

Having described my invention, what I claim is—

1. In a tent, the combination, with the roof
35 thereof, of the wall formed of oppositely-folding sections, each of which is composed of a series of frames hinged together at alternately-opposite sides, of devices for connecting removably the adjacent ends of the said sections, substantially as specified.

2. In a tent, the combination, with the roof thereof, of the wall formed of opposite sections, each of which is composed of a series of frames hinged together at alternately-opposite sides, each section being provided at one end with a staple and at the other end with a hinged bar having a hasp at its free end for engaging the staple of the opposite section, and a hook for engaging said staple, substantially as specified.

3. In a tent, the combination, with the roof thereof, of the wall formed of oppositely-folding sections, each of which is composed of a series of frames hinged together at alternately
55 opposite sides, a hinged bar located at the upper end of each section, and devices for re-

movably fastening the free end of the bar to the adjacent end of the opposite section, substantially as specified.

4. In a tent, the combination, with the wall
60 thereof, of the roof having a central opening, a conical metal guard passed through the opening and terminating at its upper end in a reduced opening, said guard having its lower edge flared under the material of the roof, a
65 ring mounted above the material and having a peripheral groove notched at intervals, a series of ribs mounted in the notches, a fastening-ring passed through the ribs and the groove, said ribs being secured to the roof,
70 supports rising from the ring, a disk mounted on the supports and provided with a series of perforations, guy-ropes connected with perforations and with the outer ends of the ribs, a loop mounted on the disk, a rope connected to the loop, and a pulley secured above the roof and having said rope passed thereover, substantially as specified.

5. In a tent, the roof having a central opening, a conical metal guard 26, passed through
80 the opening, said guard having its lower edge flared under the material of the roof, a ring 17, mounted above the material and having a peripheral groove notched at intervals, a series of ribs mounted and secured in the notches,
85 said ribs being secured to the roof, supports 20, rising from the ring, a disk 13, mounted on the supports and provided with a series of perforations, guy-ropes 28, connected with the perforations and with the outer ends of the
90 ribs, a loop mounted on the disk, a rope connected to the loop, and a pulley secured above the roof and having said rope passed thereover, substantially as specified.

6. In a tent, the combination, with the roof
95 thereof, made of canvas and provided with pockets or gores, and the frame in the center of the roof, provided with ribs which pass through the gores or pockets, of a wall composed of a series of frames hinged at alternately-opposite sides and adapted to fold one upon the other, and the studs provided on the frames to be engaged by button-holes in the edges of the roof, substantially as specified.

In testimony that I claim the foregoing as
105 my own I have hereto affixed my signature in presence of two witnesses.

WILLIAM ORR, SR.

Witnesses:

WILLIAM W. McMAHAN,
FRANK N. HOFFMAN.