

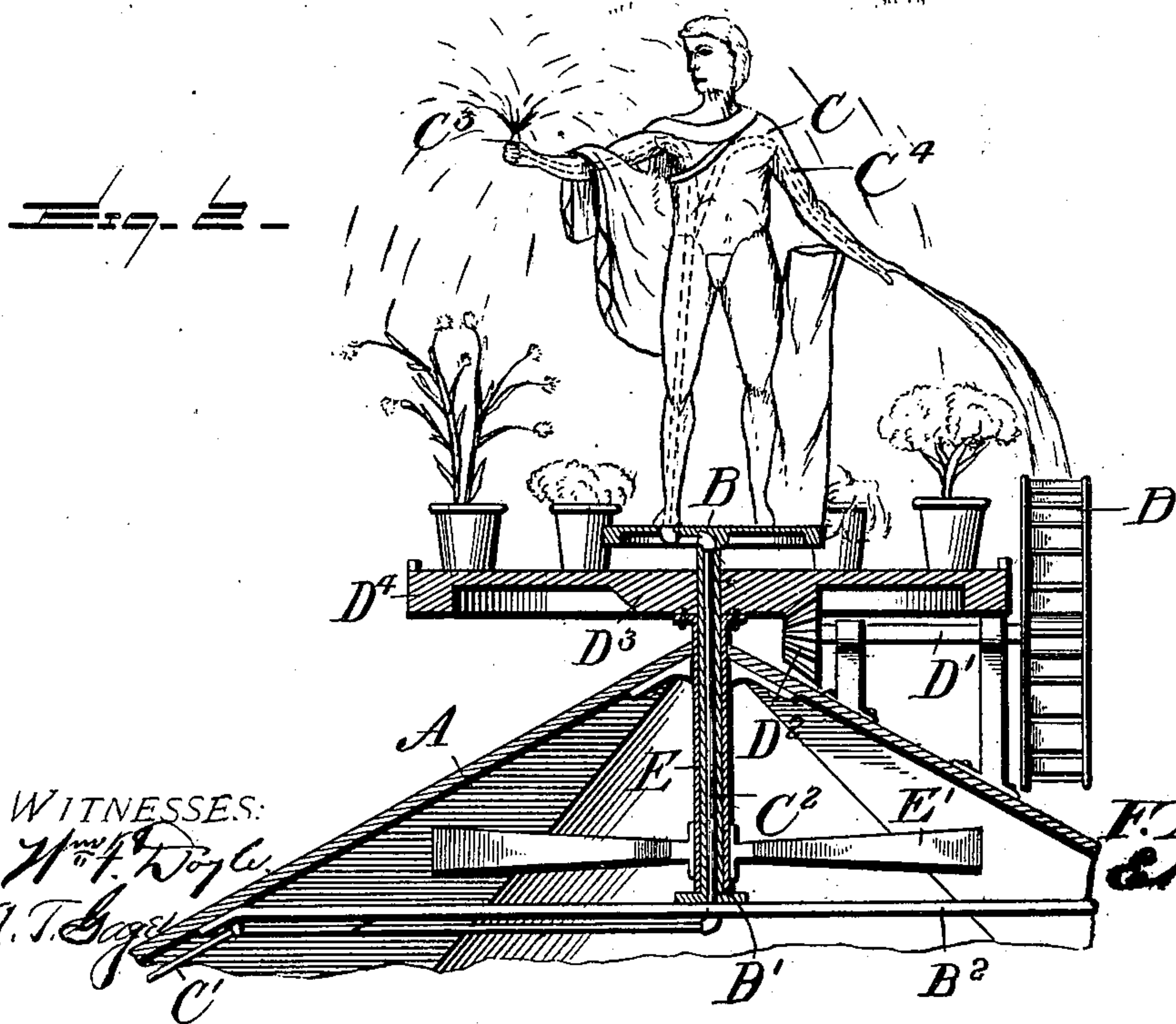
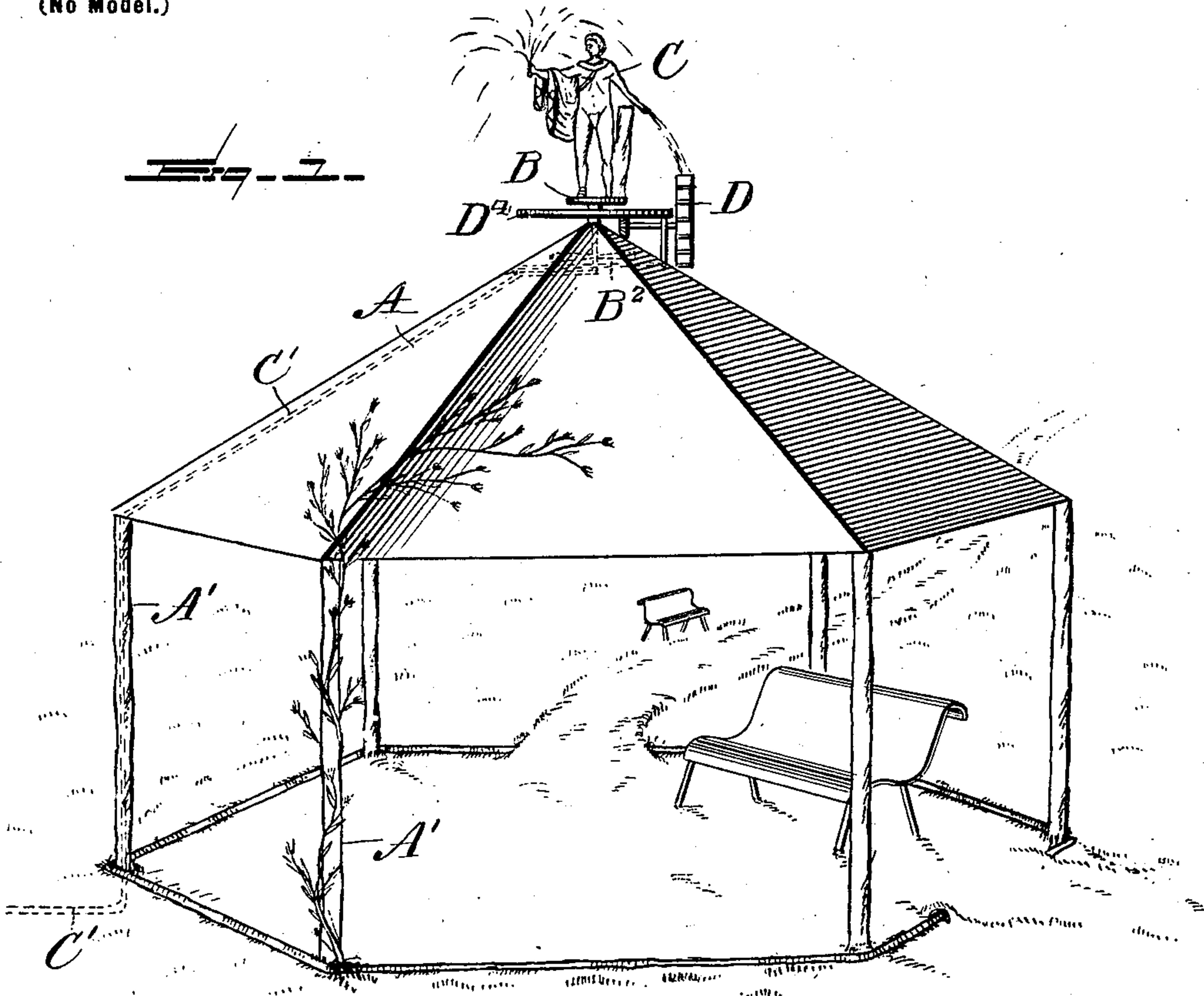
No. 679,103.

Patented July 23, 1901.

F. X. BLUMLE.
SUMMER HOUSE.

(Application filed May 1, 1901.)

(No Model.)



WITNESSES:

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UNITED STATES PATENT OFFICE.

FRANCIS X. BLUMLE, OF EMPORIUM, PENNSYLVANIA.

SUMMER-HOUSE.

SPECIFICATION forming part of Letters Patent No. 679,103, dated July 23, 1901.

Application filed May 1, 1901. Serial No. 58,338. (No model.)

To all whom it may concern:

Be it known that I, FRANCIS X. BLUMLE, a citizen of the United States, residing at Emporium, in the county of Cameron, State of Pennsylvania, have invented certain new and useful Improvements in Summer-Houses, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to a summer-house, and particularly to a structure in which a fountain or similar water-supply is mounted upon the roof of the structure in order that the falling water may cool the structure and
15 the surrounding atmosphere.

The invention has for an object to provide a fountain adapted to discharge a spray of water above the roof of the summer-house, so that the water descending upon said roof
20 shall drip from the edges thereof, thereby cooling the atmosphere within the house, while the discharge from said fountain is also adapted to operate a motor for moving a rotary device of an ornamental or useful char-
25 acter.

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

In the drawings, Figure 1 is a perspective of the invention, and Fig. 2 is a vertical cross-section through the top of the roof with parts in full lines.

35 Like letters of reference indicate like parts throughout the several figures of the drawings.

The summer-house comprises a water-tight roof A, supported in any suitable manner—
40 for instance, by ornamental posts or pillars A' at several points—which roof may be of any desired configuration. At the apex of the roof a fixed support B is provided and supported in any suitable manner—for in-
45 stance, by means of the depending post or collar B', resting upon the cross-bar B², extending within the roof—and upon this fixed platform any suitable figure or object comprising a fountain C may be mounted. This
50 fountain may be of any desired ornamental character suitable to the structures or uses to which it is applied. The fountain is sup-

plied with water by means of a pipe C', extending from any desired source of supply upward through or along one of the columns 55 A', thence beneath the roof to the supporting-column B', thence upward, as at C², and through the figure comprising the fountain to the discharge-nozzle C³, while a branch pipe C⁴ extends in a different direction and 60 discharges upon a suitable motor—for instance, a water-wheel, as shown at D. This wheel D is provided with a shaft D', bearing a gear D² at its inner end, which gear meshes with a corresponding gear D³ upon the ro- 65 tating platform D⁴. This platform is adapted to support any suitable figures or devices of an ornamental character or otherwise, and for the purpose of utilizing this rotary motion for a useful as well as ornamental purpose a 70 depending rotary sleeve E extends downward from the platform D⁴ and bears at its lower end a fan E', by means of which a circulation of air is maintained within the house and the tendency of the exterior air-pressure to blow 75 the dripping water inward is overcome by the movement of air effected beneath the conical roof. By this means the blowing of the spray upon the occupant by the ordinary breezes is prevented and all of the advantages of the 80 cooling action of the water are secured, while a very ornamental and comfortable structure is presented.

It will be obvious that changes may be made in the details of construction and ornamen- 85 tation of the various parts without departing from the spirit of the invention as defined by the appended claims.

Having described my invention, what I claim as new, and desire to secure by Letters 90 Patent, is—

1. In a summer-house, a fixed fountain mounted upon the roof thereof, a rotating platform beneath and concentric to said fountain, and a motor for said platform actuated 95 by a discharge from said fountain; substantially as specified.

2. In a summer-house, a fountain mounted upon the roof thereof, a rotating platform, a motor for said platform actuated by a dis- 100 charge from said fountain, and a rotating fan carried by said platform; substantially as specified.

3. A summer-house comprising a substan-

5 tially conical roof supported by posts, a fixed platform above said roof, a water-supply extended to a fountain carried by said platform, a rotating platform beneath said fixed platform, and a motor for said rotating platform adapted to be driven by a discharge from said fountain; substantially as specified.

10 4. A summer-house comprising a substantially conical roof supported by posts, a fixed platform above said roof, a water-supply extended to a fountain carried by said platform, a rotating platform beneath said fixed plat-

form, a rotary water-wheel provided with a gear meshing with said rotating platform, and an independent discharge from said fountain directed upon said wheel; substantially as specified. 15

In testimony whereof I affix my signature in presence of two witnesses.

FRANCIS X. BLUMLE.

Witnesses:

C. E. CRANDELL,
I. K. NEOCKLEY.