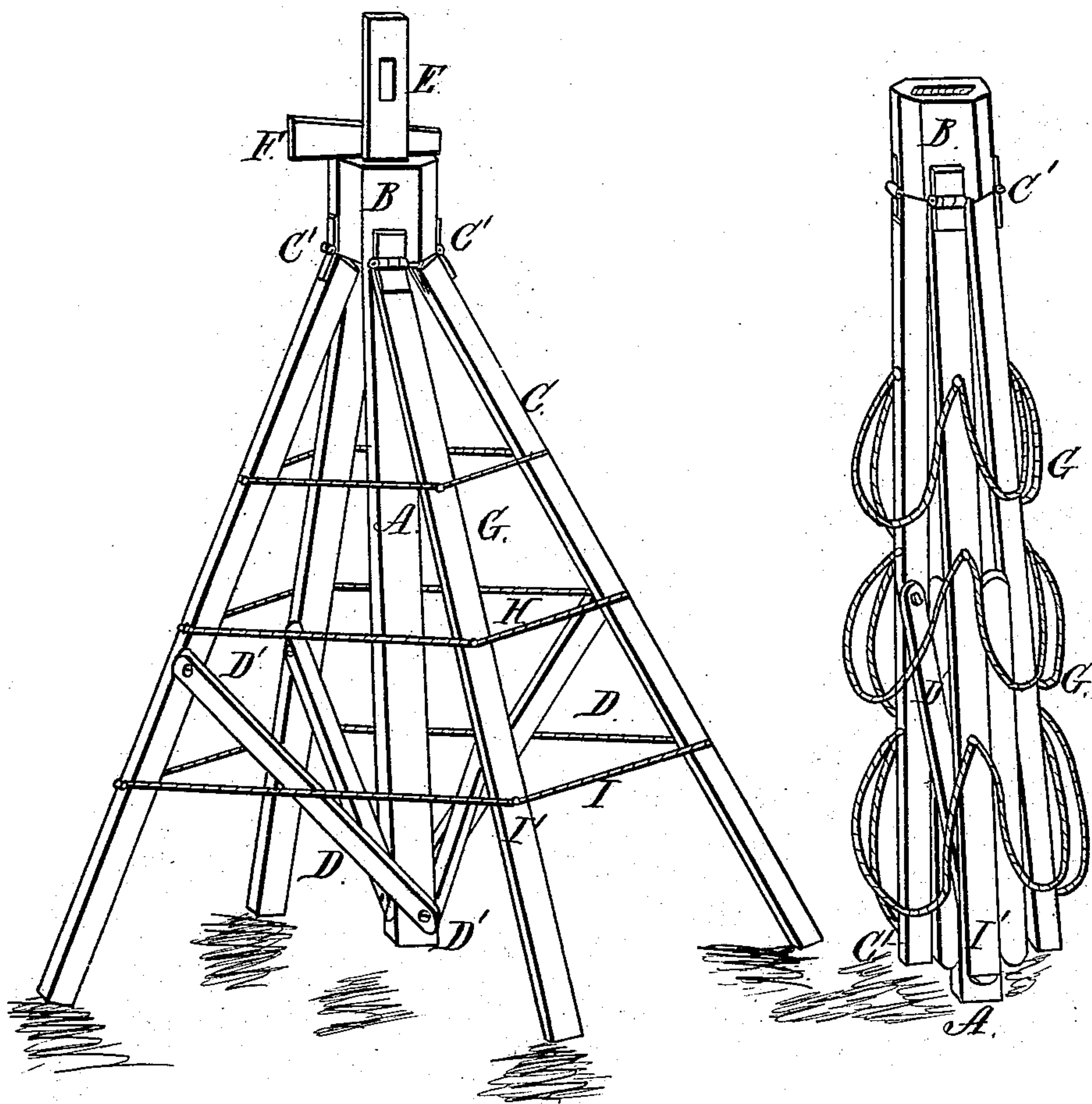


C. Stone,
Clothes Frame,
N^o 20,669. Patented June 22, 1858



UNITED STATES PATENT OFFICE.

C. STONE, OF RAVENNA, OHIO.

FRAME FOR DRYING CLOTHES.

Specification of Letters Patent No. 20,669, dated June 22, 1858.

To all whom it may concern:

Be it known that I, CHESTER STONE, of Ravenna, in the county of Portage and State of Ohio, have invented new and useful Improvements in Suspension Clothes-Frames; and I do hereby declare that the following is a full and complete description of the construction and operation of the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1, is a perspective view, of the clothes frame spread out in a state of readiness for use. Fig. 2, shows the clothes frame as folded up when not in use.

Like letters refer to like parts.

A Fig. 1, represents the main standard. This is formed of a piece of timber about two inches square, and five or six feet in length.

B, represents the head or block through which the standard A passes and to which the arms C are attached by a hinge or its equivalent, as seen at C'. The length of head B, and arms C just equal the length of the standard A.

The arms C, are kept from spreading to an undue extent by the braces D, which are attached to the bottom of the standard A by screws, as seen at D', the upper end of said braces being also attached to the arm C, at a point about one third of the distance from the bottom, or lower end of the arms C to the top of the head B. The width of the arms, C, is just equal to the thickness of the standard A; and the brace D is attached to the edge of the arm, and to that side of the standard which lies in the same plane as seen at D' D'' in Fig. 1. The upper end of the standard is provided with two mortises E E', into which the key F is inserted, for the purpose of keeping the arms spread to the desired extent, when the frame is in use.

The letters G H I represent three cords

that encircle the arms at suitable distance 45 from each other, which cords are secured by a nail or pin to the arms, as seen at I'. The cords G H I are joined at the ends, so that each piece entirely encircles the frame. Each piece of cord is of sufficient length to 50 become taut, when the arms are properly spread. Three, or more sets of cords may be used upon one frame. It is upon these cords that the clothes are hung, to dry or air.

By crowding upon the wedge F the head 55 B is pushed down the standard A, this spreads the lower ends of the arms C and makes the cords G H I taut. In this case the standard A is drawn upward, so that the weight of the frame rests upon the ends of 60 the arms C. By removing the key F the frame can be folded as seen in Fig. 2 and set aside.

Among the advantages this improvement 65 has over others, is, that it is self bracing, and is not therefore liable to careen over with its burden of clothes. It takes no more room than other forms, and is both cheaper and lighter in its construction.

Any number of cords may be used, so 70 that they are not placed too near together to cause the clothes to touch, while hanging upon the frame.

For portability, and general convenience, 75 this improvement is superior to any other in use.

What I claim as my improvement and desire to secure by Letters Patent, is—

The herein described manner of constructing a clothes frame, consisting of the standard A, head B, arms C, braces D, and cords 80 G, H, I, when arranged and operating in the manner and for the purpose specified.

CHESTER STONE.

Witnesses:

I. BRAINERD,
W. H. BURRIDGE.