W. BOURGNIGNON.

Mosquito Canopies.

No. 143,119. Patented September 23, 1873.

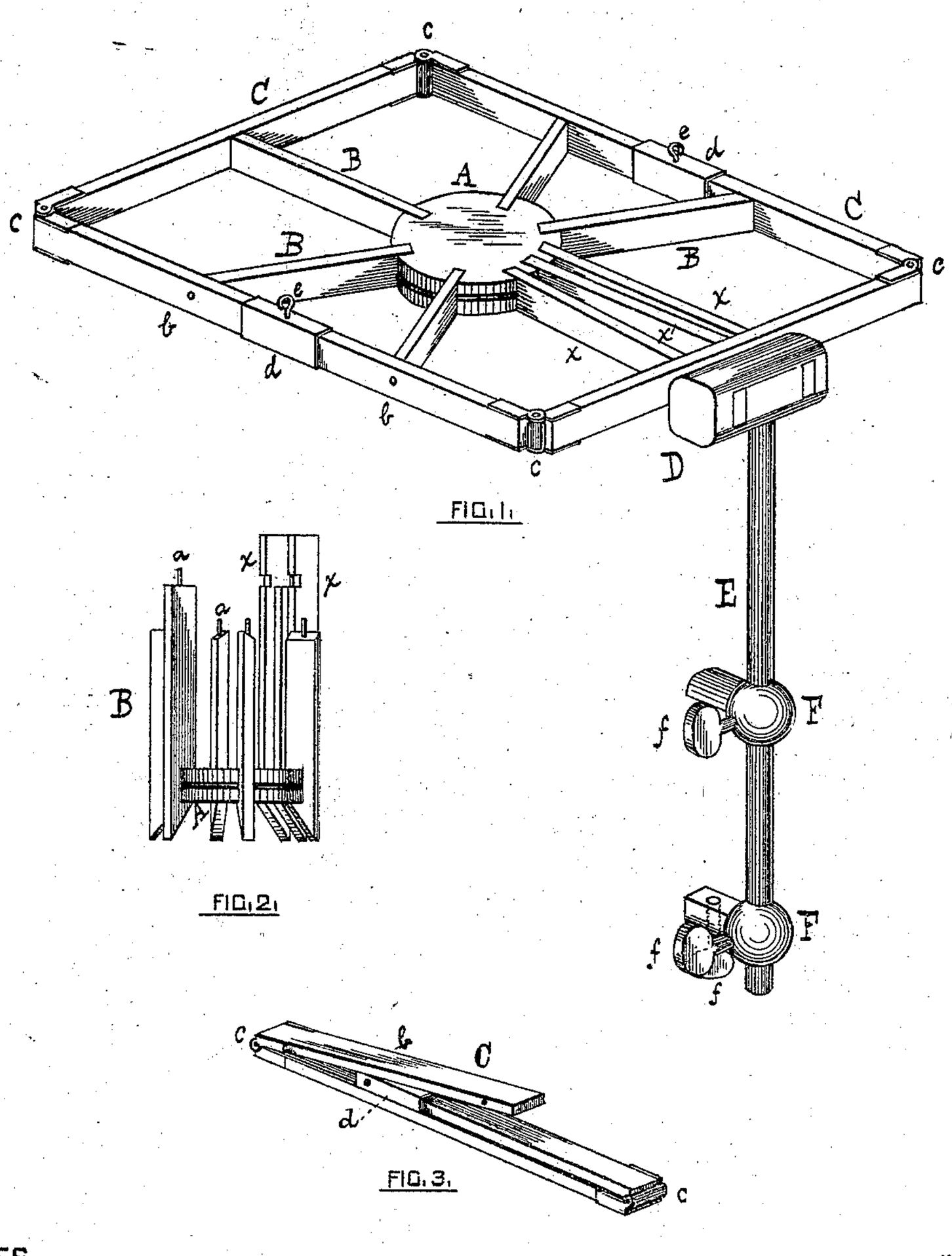

FIG. 1.

FIG. 2.

FIG. 3.

WITNESSES.

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WENDEL BOURGNIGNON, OF PROVIDENCE, RHODE ISLAND.

IMPROVEMENT IN MOSQUITO-CANOPIES.

Specification forming part of Letters Patent No. **143,119**, dated September 23, 1873; application filed June 26, 1873.

To all whom it may concern:

Be it known that I, WENDEL BOURGNIGNON, of the city and county of Providence, in the State of Rhode Island, have invented a new and Improved Frame for Canopies or Mosquito-Netting; and declare the following to be a specification of the same.

In the accompanying drawings like letters indicate like parts.

Figure 1 is a perspective view of my invention. Figs. 2 and 3 show the parts when folded.

The purpose of my invention is to furnish a suitable frame-work to support a canopy or mosquito-netting, which can be securely attached to the furniture designed to be covered, and when not in use may be compactly folded.

The parts of my invention may be thus described: A hub, A, is made with arms B B, which turn upon a wire encircling the hub. The inner extremities of the arms are cut diagonally, as shown in Fig. 2, and work in slots of a corresponding size and shape cut in the hub A, so that when extended they are securely braced and afford a strong support for the canopy. On the outer ends of the arms B B are projecting pins *a a*, which enter corresponding holes *b b* in the frame C C. These outer ends are cut to a proper bevel to fit closely against the frame C C. This frame is hinged at the points *c c* so as to fold, and is made in two pieces, which are united by the socket arrangement *d d* and fastened together by the pins *e e*. When these several parts are fitted together they constitute a light frame-work, yet strong enough for the purpose intended. Two of the arms B B, indicated also as *x x*, extend beyond the frame C and enter into mortises in the block D. The projecting pin of the arm, designated as *x'*, is longer than the others, and penetrates the block D. The purpose of this contrivance is to give a firm connection between the frame-work and the support, and as the arms *x x x'* are placed more nearly together and at a less angle than the others they can all enter the block D, and by the lateral support thus furnished prevent a swaying motion. The block D is also provided with a socket, which receives the head of the standard E. The standard is affixed to the head-board of the bed or other part of the furniture by means of sliding clamps F F, the upper of which rests upon the top, and the lower is pressed up against the bottom of the head-board. The clamps being movable can be adjusted readily to fit any shape or size of head-board, and when in the desired position hold the whole structure securely by means of thumb-screws *f f f*. The netting is then thrown over the frame and the canopy is complete. Instead of the pins *a a* a proper connection may be made by using hooks. The standard E may also be made in pieces and united in any suitable manner.

The whole may be taken apart when desired, and is so constructed as to fold compactly, as shown in Figs. 2 and 3.

The mode of attaching to the bedstead is such as to avoid disfiguring or marring the furniture, while yet it is strong and firm.

I claim, as a novel and useful invention, and desire to secure by Letters Patent—

1. The frame-work consisting of the hub A, arms B B, pins *a a*, the hinged frame C, socket *d*, and pins *e e*, made substantially as described.

2. The combination of said frame-work with the block D, standard E, adjustable clamps F F with their thumb-screws *f f f*, made and used substantially as described.

WENDEL BOURGNIGNON.

Witnesses:

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