R. C. MILLINGS.

MOSQUITO NET-FRAME.

No. 184,649. Patented Nov. 21, 1876.

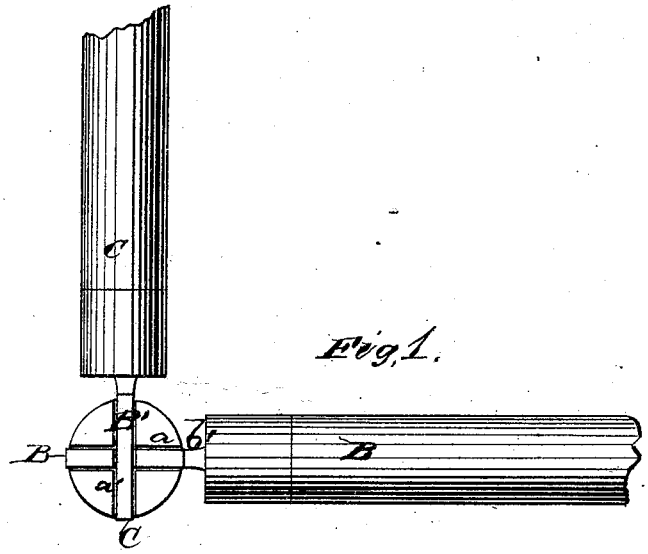

Fig. 1.

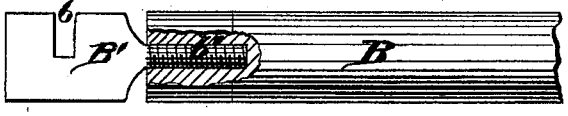

Fig 2

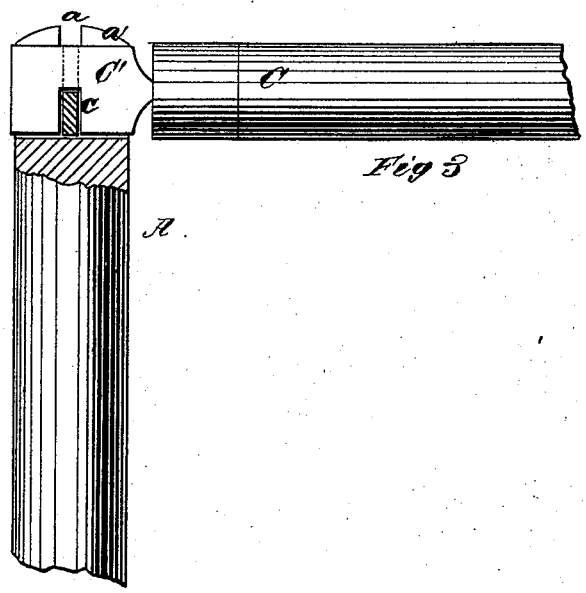

Fig 3

WITNESSES

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ROBERT C. MILLINGS, OF CHARLESTON, SOUTH CAROLINA, ASSIGNOR TO FREDERICK CHARLES MILLINGS, OF SAME PLACE.

IMPROVEMENT IN MOSQUITO-NET FRAMES.

Specification forming part of Letters Patent No. **184,649**, dated November 21, 1876; application filed September 2, 1876.

To all whom it may concern:

Be it known that I, ROBERT C. MILLINGS, of Charleston, in the county of Charleston and State of South Carolina, have invented a new and valuable Improvement in Mosquito-Net Frames; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a plan view of a portion of my mosquito-net frame, and Fig. 2 is a detail view thereof. Fig. 3 is a side elevation, partly in section, of a portion of the same.

This invention consists in attaching the horizontal bars of a mosquito-frame to the posts thereof by means of interlocking recessed plates, constructed, arranged, and applied substantially as hereinafter set forth.

In the annexed drawings, A designates one of the vertical corner-posts of a mosquito-frame, and B and C designate two of the horizontal bars thereof, which are connected to the top of said post and to each other by the means hereinafter described. The top of said post is constructed with vertical slots or clefts *a a'*, extending at right angles to each other from side to side of said post. Bar B is provided with an attaching-plate, B', which has on one side a rectangular recess, *b*, and is connected to bar B by means of a screw-threaded shank, *b'*, which enters a corresponding screw-threaded socket in the end of said bar. Bar C is provided with a similar plate, C', in like manner constructed with recess *c* and screw-threaded shank *c'*, which enters a corresponding screw-threaded recess or socket in the end of said bar C.

Bar B is held so that recess *b* is turned upward, and plate B' is then inserted into cleft or slot *a*. Bar C is then held so that recess *c* is turned downward; and plate C' is set down into cleft or slot *a'*, so that the two recessed plates are interlocked at right angles. The result is a firm, but easily-detachable, fastening. Similar devices are applied to each post of the frame, and to the horizontal bars connected therewith.

The relative positions of plates B' and C' may be reversed at will, either by turning one of the bars B or C, or by turning shank *a'* or shank *b'* in its socket. Said plates may also be permanently attached to said bars, if desired. Any suitable devices may be employed for bracing said posts.

The above-described devices are applicable to any kind of frames as well as to mosquito-frames.

Said slots or clefts *a a'* may be at less than a right angle to one another; plates B' and C' being correspondingly modified.

Various other changes may be made without departing from the spirit of my invention.

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

1. The combination of post A, having crossed slots or clefts *a a'*, with bars B C and recessed plates B' C', adapted to interlock with one another, substantially as set forth.

2. The combination of bars B C with detachable interlocking fastening-plates and a post adapted to receive the same in its cleft upper end, substantially as set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

ROBERT CHARLES MILLINGS.

Witnesses:
EDW. W. LEE,
W. B. DINGLE.