

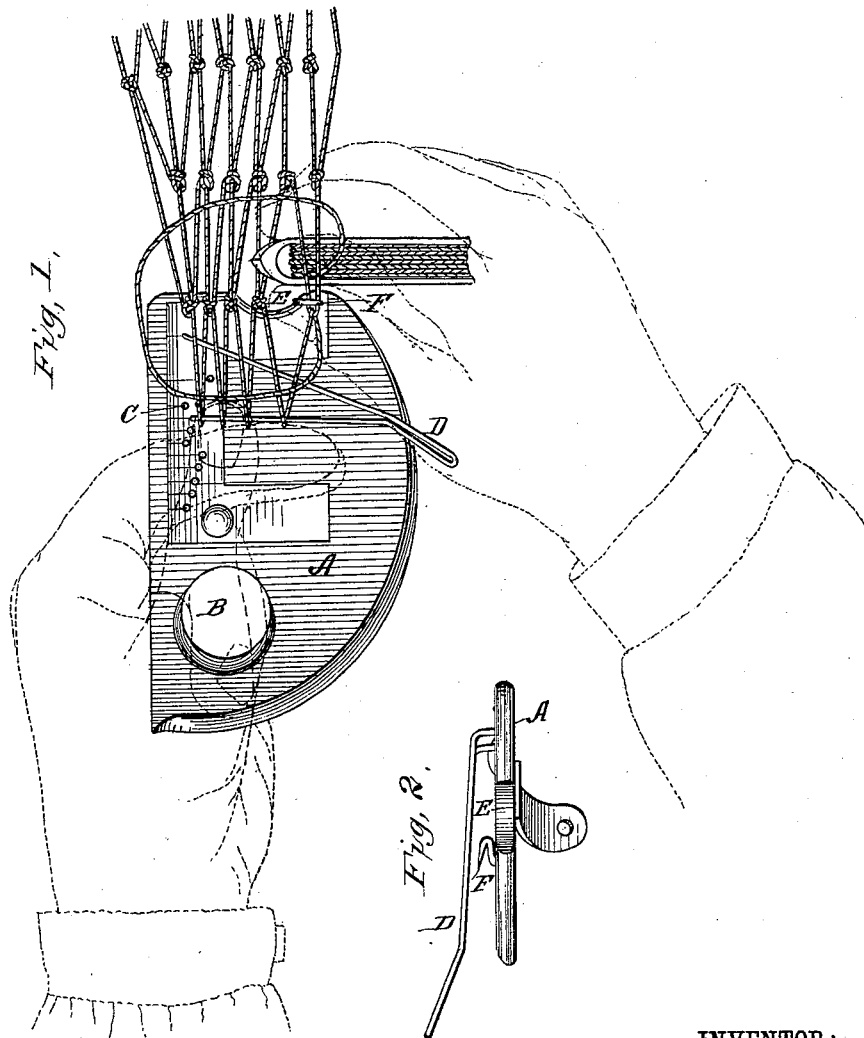
(Model.)

N. D. SOLLERS.

KNITTING BOARD FOR MANUFACTURING NETS.

No. 262,140.

Patented Aug. 1, 1882.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

NATHANIEL D. SOLLERS, OF COVE POINT, MARYLAND.

## KNITTING-BOARD FOR MANUFACTURING NETS.

SPECIFICATION forming part of Letters Patent No. 262,140, dated August 1, 1882.

Application filed April 3, 1882. (Model.)

### *To all whom it may concern:*

Be it known that I, NATHANIEL D. SOLLERS, of Cove Point, in the county of Calvert and State of Maryland, have invented a new and Improved Knitting-Board for Manufacturing Nets, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to a board having means for holding it conveniently in the hand, and devices for engaging the threads in the several stages of the process of knitting, as will be hereinafter described.

In the accompanying drawings, Figure 1 is a plan view of my knitting-board, showing the manner of applying the same to use; and Fig. 2 is a front end view of the same.

The board A, which is made of nearly-semicircular form, is provided with a perforation, B, through which a finger of the hand is to be inserted to hold it steady. If desired, a rest may be provided for another finger of the same hand underneath the board. In the upper surface of the board, or in a plate set therein, is formed a series of perforations, C, in any two of which are inserted the two ends of a holder, D. This holder is formed of a piece of wire doubled upon itself in such manner that one end shall extend across the board at right angles thereto and the other diagonally, giving a tapering form to the holder, while the ends are bent downward to fit into the said perforations to hold the device in a plane parallel with the board. The loop end of the holder is bent slightly rearward and upward to prevent the meshes from accidentally slipping therefrom in the process of knitting. The forward end of the board, or that end next to the net, is provided with a recess, E, for giving sufficient room to the needle or shuttle in tying the knots, and a hook, F, is secured to the board near the said recess for holding the thread while the knot is being tied.

The operation is as follows: After a beginning of the net is made a number of the meshes are engaged with the holder D, and the thumb of the hand holding the board is placed upon

these meshes to hold them in position. It is to be understood that the net should be secured to some stationary object, so that the operator can hold the meshes taut. The needle is then to be passed back toward the operator to engage the thread with the holder D. This operation is facilitated by the rearward and upward curve or bend at the loop end of the holder, as well as by the rounded and beveled surface of the board, which serves to guide the thread to the holder. The needle is then passed through the next adjacent mesh, engaging the thread therewith, and the thread is drawn toward the operator until the said mesh is drawn into such engagement with the hook F that the hook will prevent the thread from slipping while the knot is being tied. The thread is then passed to the left over the meshes on the holder, and the needle is passed from the under side up through the recess E, as shown in the drawings, thereby forming a knot, which is completed by drawing the thread toward the operator. The mesh engaged with the hook is released in drawing the knot, and is passed under the thumb, where it is held while another mesh is being formed.

The perforations C are formed along a graduated scale, as shown in the drawings, whereby the holder D may be so adjusted that the meshes shall be made of any given size.

Having thus described my invention, I claim—

1. A knitting-board for making nets, having a holder for the meshes and a hook to prevent the thread from slipping while the knot is being tied, substantially as shown and described.

2. A knitting-board of nearly-semicircular form, having a perforation through which a finger of the hand may be inserted, in combination with an adjustable holder, substantially as described, and a hook secured to the board to hold the thread in tying the knot, as shown and described.

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Witnesses:

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