

No. 896,046.

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C. SANDER.
GUIDE FOR KNITTED FABRICS.
APPLICATION FILED MAY 14, 1907.

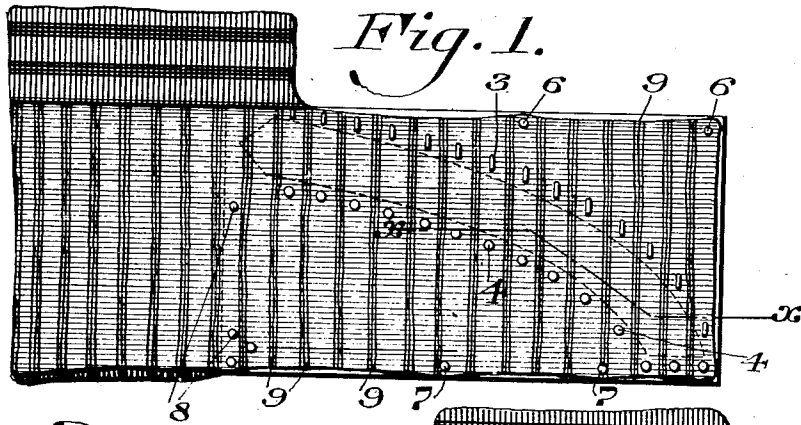


Fig. 2.

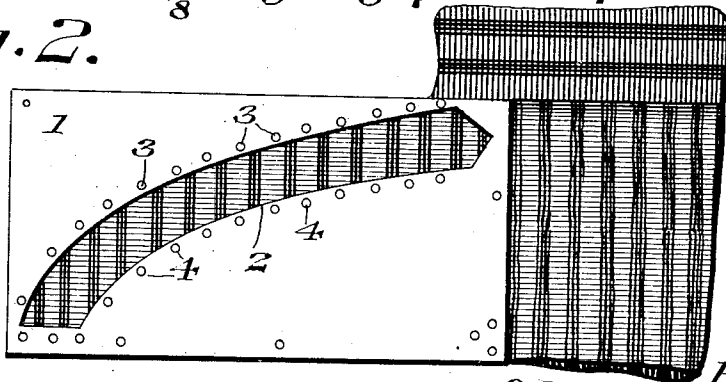


Fig. 3.

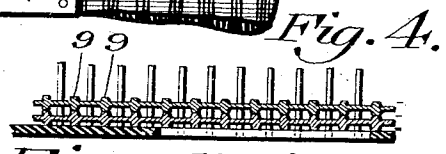
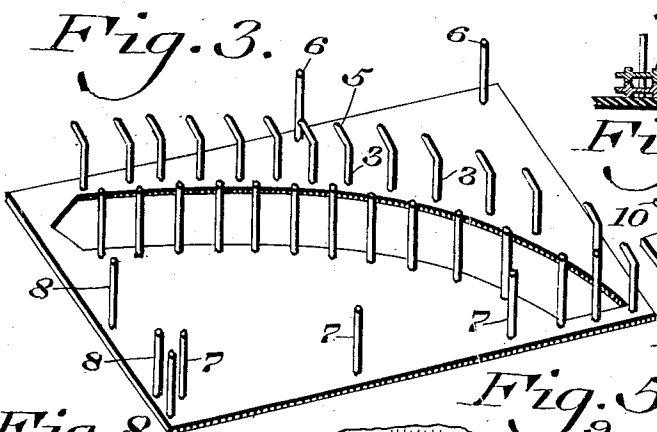


Fig. 4.

Fig. 6.

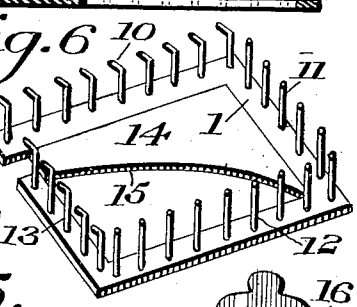
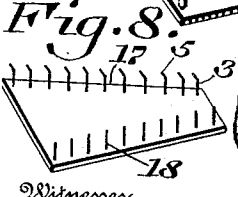
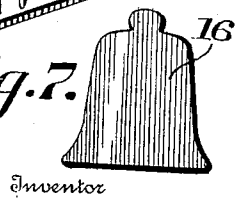
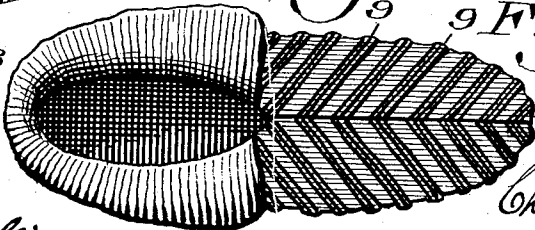


Fig. 5.

Fig. 7.



Witnesses
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GUIDE FOR KNITTED FABRICS.

No. 896,046.

Specification of Letters Patent.

Patented Aug. 11, 1908.

Application filed May 14, 1907. Serial No. 373,555.

To all whom it may concern:

Be it known that I, CHARLES SANDER, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Guide for Knitted Fabrics, of which the following is a specification.

My invention relates to a new and useful device for holding knitted fabrics while the same are being united and consists in providing a series of engaging means for the fabric and a guide for directing the work to the machine for uniting the said fabrics.

It further consists of other novel features of construction, all as will be hereinafter fully set forth.

Figure 1 represents a plan view of a device embodying my invention showing the fabric mounted thereon. Fig. 2 represents a rear plan view thereof. Fig. 3 represents a perspective view of the device. Fig. 4 represents a sectional view on line $x-x$ Fig. 1. Fig. 5 represents a plan view of a slipper showing the same as completed. Fig. 6 represents a perspective view of a device showing a different form of guide. Fig. 7 represents a plan view of a still different form of guide which may be employed. Fig. 8 represents a perspective view of a support which may be employed.

Similar numerals of reference indicate corresponding parts in the figures.

Referring to the drawings, I have found in practice that in uniting knitted fabrics or the edges of knitted fabrics, that it is extremely difficult to have the knitted stitches coincide and my invention is designed to overcome this defect and to insure the proper sewing of the fabrics or edges.

In the drawings I have shown a construction for carrying out my invention but it will be evident that other instrumentalities may be employed and the arrangements of parts may be varied without departing from the spirit of my invention. I, therefore, desire to make such changes in my invention as may come within the scope of said invention.

1 designates a plate or frame of any suitable size or shape, said plate being provided with the curved or cut-away portion or slot 2 which conforms to the proper shape of the upper edge of the foot portion of a slipper, in the present instance, and serves as a guide.

Projecting at intervals from the plate, along the side slot are the series of pins 3 and

4, the set of pins on one side, as for example, 3, in the present instance, being made or formed with the bent ends 5, it being noted that each of the series of pins 3 and 4 on opposite sides of the slot are preferably parallel with each other and that they follow the position of the guide.

6 designates pins projecting from the plate adjacent the one edge thereof.

7 designates a plurality of pins projecting from the plate adjacent the lower edge and 8 designates other pins projecting from the plate adjacent one of the side edges.

The operation of the device is as follows:—

The foot portions of a knitted fabric, as for example, a slipper, as that is the form shown in the drawings, are placed side by side and the pins 3 and 4 are passed through the knitted fabric between the raised stitches 9, as will best be understood from Figs. 1 and 4, the portion of the knitted fabric between the pins 3 and 4 being stretched a suitable amount. Other portions of the knitted fabric are then passed upon the pins 6, 7 and 8, in order that the entire fabric may be firmly held. The device is then placed in a suitable position on a sewing machine which is adapted for operation thereon, and the needle is directed, or can be guided, by the operator on a curved line substantially midway between the sets of pins 3—3, 4—4, whereby that portion of the knitted fabric will be sewed together. After this the fabric is removed from the device or support and the extra portion of the material can be cut away after which the slipper is turned with the proper side thereof out and the material is ready to be secured to the sole, it being understood that before the knitted fabric is mounted upon the device or support, it is turned inside out so that the stitches in the completed article will not show, as will be understood from Fig. 5. It will be further understood that in this manner the stitches 9 will meet at the proper point seen in Fig. 5 forming a neat and attractive appearance and accomplishing the result in a quick and expeditious manner.

In the form shown in Fig. 6 I have mounted upon the frame 1 a series of pins 10, 11, 12 and 13, forming a rectangle, the pins on opposite sides being preferably parallel, as will be evident from Fig. 6, and I have provided a removable guide piece 14 which is placed within the square formed by the plate 1 and which guide in Fig. 6, is provided with the

curved edge 15, in order that the operator can direct the needle in proper line.

In Fig. 7 I have shown a different form of guide 16 which can be used in place of the guide 14 and which can be followed by the operator of the machine in sewing the fabric, it being understood that any desired form of guide can be employed that may be necessary.

In Fig. 8 I have shown a form of plate which may be used, in which the edge 17 of the plate is suitably inclined to form the guide for the needle and the plate is provided with the pins 3 having the bent ends 5, said pins being adjacent the guides and the said plate being further provided with the pins 18 upon which and the pins 3 the material can be stretched in order that the same can be held in proper position for sewing, as heretofore described.

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

1. In a device of the character stated, a plate, a series of pins connected therewith

in substantially parallel rows, and a curved guide disposed between said rows of pins.

2. In a device of the character described, a plate having a suitable guide in connection therewith, a series of pins projecting on opposite sides of said guide and substantially parallel therewith, the set of pins on one side having bent ends, and a plurality of separate pins, projecting at suitable points from said plate, for engagement with the fabric.

3. In a device of the character stated, a plate, a series of pins connected therewith in substantially parallel rows, and a removable guide disposed between said rows of pins.

4. In a device of the character described, a plate, a relatively fixed curved guide thereon, a series of pins projecting from said plate adjacent said guide, and a plurality of additional pins upon which and the guide pins the material is adapted to be held.

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Witnesses:

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