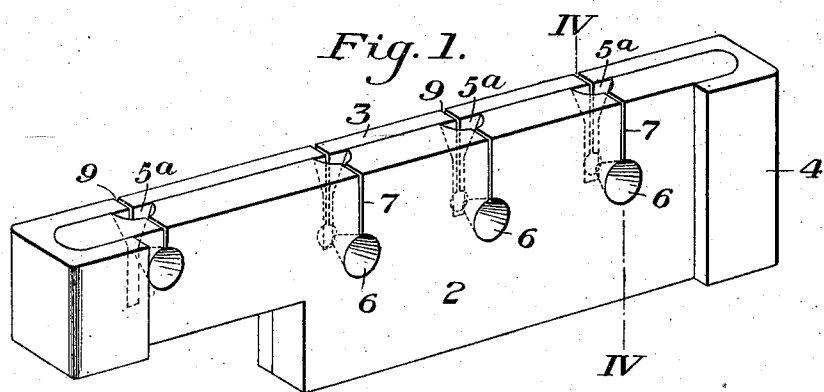
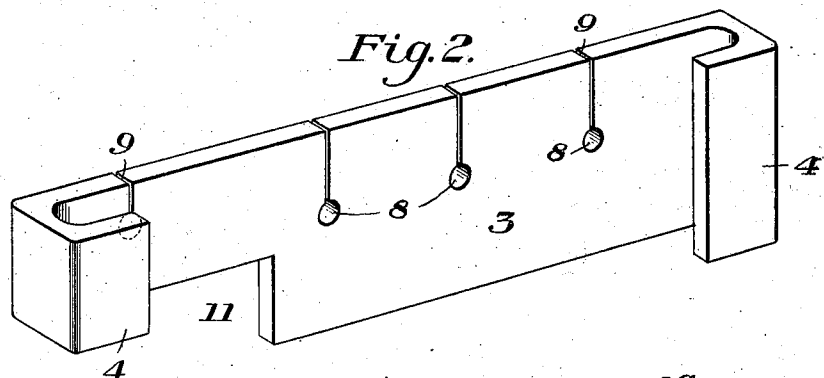
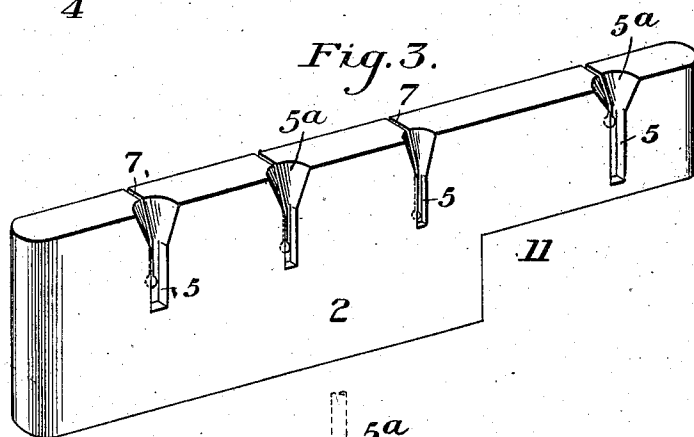
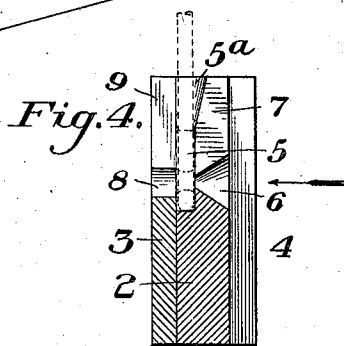


No. 853,766.

PATENTED MAY 14, 1907.

K. B. BUEGER.
NEEDLE THREADING DEVICE.

APPLICATION FILED MAY 4, 1906.



WITNESSES

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UNITED STATES PATENT OFFICE.

KARL BRUNO BUERGER, OF BEAVER, PENNSYLVANIA.

NEEDLE-THREADING DEVICE.

No. 853,766.

Specification of Letters Patent.

Patented May 14, 1907.

Application filed May 4, 1906. Serial No. 315,166.

To all whom it may concern:

Be it known that I, KARL BRUNO BUERGER, of Beaver, Beaver county, Pennsylvania, have invented a new and useful Needle-Threading Device, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is an enlarged perspective view of a device embodying my invention; Figs. 2 and 3 are enlarged perspective views of the two members composing the device separated from each other; and Fig. 4 is a transverse vertical section on the line IV—IV of Fig. 1.

The object of my invention is to provide a simple and efficient device for threading needles, capable of being operated with one hand, and adapted for use with various sizes of needles, and for both hand and sewing machine needles.

With this object in view, my invention consists in the novel construction, arrangement, and combination of parts, all substantially as hereinafter pointed out in the appended claims.

The device consists of a front member 2 and a back-member 3 suitably united to each other. In the construction shown in the drawings, the back-member 3 is shown as having recessed lips 4 at its ends which receive and retain the ends of the front-member. The front-member is formed at intervals with a number of vertically-extending grooves 5 made of different sizes to receive different sizes of needles. Each of these grooves has an angular lower portion so shaped that the needle cannot be introduced except in its correct position, and an upper portion 5^a of conical form which serves as a guide to facilitate insertion of the needle. These needle-receiving grooves are formed in the inner or rear face of said member, and a conical thread-receiving aperture 6 is formed through the member at each groove and communicates therewith opposite the point which is occupied by the needle, shown in dotted lines in Fig. 4. Leading to the upper edge of the member from each of these apertures 6 is a vertical slot 7.

The back-member 3 is formed with a thread opening 8 opposite each of the apertures 6 and with vertical slots 9 communicating with each of said apertures for the purpose of permitting the ready withdrawal of

the thread after the needle has been threaded. The two members are preferably made of sufficient thickness, so that their lower edges form a base upon which the device is self-supporting. The members are shouldered or cut away at the bottom at one end as shown at 11, in order to enable the device to be used upon a sewing machine, its cut away portion enabling the threading place at that end to be extended over the presser foot of the machine. The groove 5 at this point is extended below the aperture 6 in order to receive the greater length of the needle below the eye.

The operation of the device will be readily seen. The needle to be threaded is inserted in one of the grooves 5, which will cause its eye to be brought into alinement with the apertures 6 and 8. The thread is then entered through the aperture 6. The needle is then withdrawn, the slots 7 and 9 facilitating the withdrawal of the thread.

The advantages of my device consist in its simplicity, in its adaptability to different sizes and kinds of needles, and its capability for use with one hand.

Changes may be made in the details of construction and arrangement without departing from my invention, since

What I claim is:—

1. A needle threader comprising a body provided in its top with a needle-receiving socket having a closed bottom within the body, a thread-receiving passage intersecting the front and back of the body and the socket above the bottom of the latter for alinement with the eye of a standard needle, and a thread escape slot longitudinally intersecting the socket, the top, front and back of the body and thread passage, substantially as described.

2. A needle threader comprising a body made up of front and back rigidly connected members having a needle-receiving socket formed between them and intersecting the top of the body, the bottom of the socket being closed within the body, a thread passage intersecting the front and back members and the socket above the bottom of the latter for alinement with the eye of a standard needle, and a thread escape slot longitudinally intersecting the socket, the front, back and top of the body and the thread passage, substantially as described.

3. A needle threader comprising a body having a supporting portion to rest upon the

top of a sewing machine and provided with a portion capable of overhanging the presser foot of a sewing machine, the latter portion being provided with a needle-receiving socket having a closed bottom within the body, a thread passage intersecting the front and back of the body and the socket, and a thread-escape slot longitudinally intersecting the socket, the top, front and back of the body and the thread passage, substantially as described.

4. A needle threader comprising a body capable of resting at its base upon a sewing machine and provided in its top with a needle-receiving socket having a closed bottom within the body, that portion of the body beneath the socket being cut away to permit of the socketed portion overhanging the presser foot of a sewing machine, a thread passage intersecting the front and back of the body and the socket above its bottom, and a thread-escape slot longitudinally intersecting the socket, the top, front and rear of the body and the thread passage, substantially as described.

5. A needle threader comprising a body capable of resting at its base upon a sewing machine and provided in its top with a pair of needle-receiving sockets closed at their bottoms, each socket being pierced by a thread passage intersecting the front and back of the body, and a thread-escape slot longitudinally intersecting the socket, the

top, front and rear of the body and the thread passage, the body being cut away beneath one of the sockets to permit of the latter overhanging a presser foot, the thread passage of the latter socket being disposed above the bottom of the socket for alinement with the eye of a sewing machine needle, and the thread passage of the other socket being disposed above the bottom of said socket for alinement with the eye of a hand-needle, substantially as described.

6. A needle-threading device having one end portion cut away at its under side to fit over the presser foot of a sewing machine, a needle-receiving passage therein above the cut-away portion, a thread-receiving passage intersecting the lower end portion of the needle-receiving seat, and a thread releasing slot extending outwardly from each thread-receiving passage; substantially as described.

7. A needle-threading device consisting of a back-member formed with lips at its ends, a front member having its end portions engaging and held by said lips, and a plurality of needle seats and thread passages formed in said members; substantially as described.

In testimony whereof, I have hereunto set my hand.

KARL BRUNO BUERGER.

Witnesses:

GEORGE R. BOVARD,
WM. S. ANDERSON,
FRANK L. BUERGER.