C. O. RILEY.

ADJUSTABLE CROCHETING FORK.

APPLICATION FILED OCT. 12, 1914.

1,168,554. Patented Jan. 18, 1916.

FIG. 1.

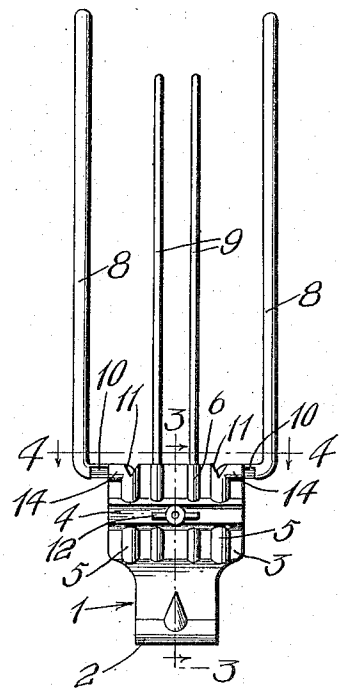


FIG. 2.

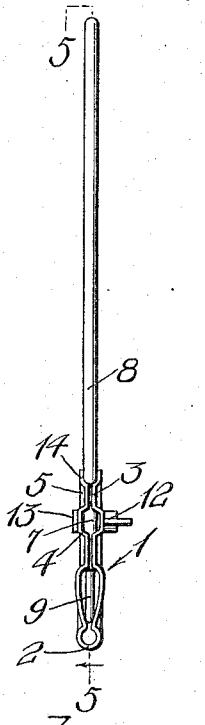
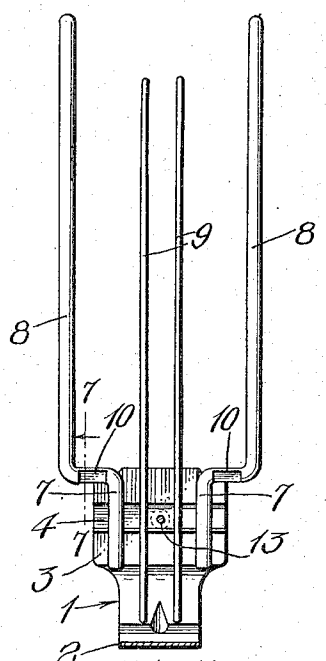


FIG. 5.



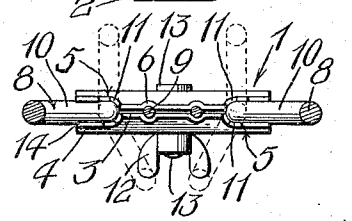
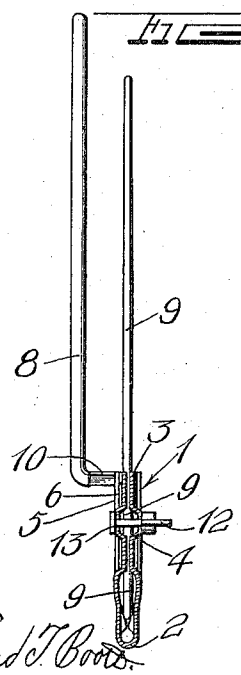


FIG. 4.

FIG. 3.



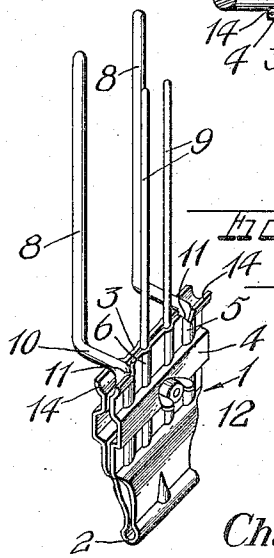
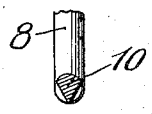


FIG. 6.

FIG. 7.



Witnesses

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UNITED STATES PATENT OFFICE.

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ADJUSTABLE CROCHETING-FORK.

1,168,554. Specification of Letters Patent. Patented Jan. 18, 1916.

Application filed October 12, 1914. Serial No. 866,328.

To all whom it may concern:

Be it known that I, CHARLES O. RILEY, a citizen of the United States, residing at Covington, in the county of Kenton and State of Kentucky, have invented certain new and useful Improvements in Adjustable Crocheting-Forks; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates broadly to devices for knitting and crocheting, and more particularly to a crocheting fork which may be used to advantage for making numerous forms of lace.

Heretofore, it has been common practice to use a fork of practically the shape of an ordinary hair pin. With this type of fork, however, but one size of lace can be manufactured, it becoming necessary to have separate forks for each size of lace. It is to overcome this difficulty that I have primarily devised the article hereinafter more fully described and claimed and shown in the drawings wherein:—

Figure 1 is a front elevation of a fork constructed in accordance with my invention; Fig. 2 is an edge view thereof; Fig. 3 is a vertical transverse section taken upon the line 3—3 of Fig. 1. Fig. 4 is a horizontal section as seen on the plane of the line 4—4 of Fig. 1; Fig. 5 is a vertical longitudinal section taken along the plane of the line 5—5 of Fig. 2; Fig. 6 is a perspective view of the device; and Fig. 7 is a detail vertical section as seen on the line 7—7 of Fig. 5.

In the accompanying drawings, the numeral 1 designates a resilient plate which is bent upon its longitudinal center as seen at 2 whereby to provide a pair of spaced side plates 3. The upper end portion of each plate 3 is provided with a horizontal outwardly bulged portion 4, and with vertical outwardly bulged portions 5 and 6 above and below the portions 4 as most clearly seen in Figs. 1 and 6.

It will be noted that the portions 5 are located adjacent the edges of the plates 3 while those designated at 6, are located near the centers of said plates. It will be further noted, by reference to the various figures of the drawings, that the outwardly bulged portions 5 constitute sectional guides for receiving the lower upright ends 7 of needles 8, while the portions 6 likewise constitute sectional guides for a pair of smaller and shorter needles 9. The needles 8 are offset near their lower ends to provide horizontally extending arms 10 whose lower sides are beveled as seen in Fig. 7 in such a manner as to provide V-shaped formations for insertion into V-shaped notches 11 which are formed in the upper edges of the outwardly bulged portions 5. By reference to Fig. 4, it will be seen that these notches 11 are spaced different distances from the centers upon which the ends 7 may rotate, this being done in order that said needles may be turned to the positions seen in full lines in Fig. 4 or to those seen in dotted lines therein, thereby varying the distance between said needles, for adapting the device to use in manufacturing lace of various sizes. When the needles are adjusted, a thumb nut 12 on a transverse clamping bolt 13, is tightened, said bolt passing through the portions 4 of the plates 3 and thereby forcing said plates into binding contact with the lower ends 7 of said needles, when the nut 12 is tightened.

I may here explain that the needles 9 might well be employed without the needles 8, that the latter could be used when the former are removed, and that both sets of needles may well be employed to advantage, at the same time, for constructing certain kinds of lace.

In addition to the notches 11 which constitute lateral extensions of the upright guides formed by the portions 5, the free corners of the plates 3 are here shown as bulged outwardly at 14, thereby providing other lateral extensions of said guides designed to receive the arms 10 as seen in full lines in Figs. 1, 2 and 4, it being understood that said arms 10 and the parts carrying the same, may be locked against movement when in this position, by the nut and bolt 12 and 13.

From the foregoing description, taken in connection with the accompanying drawings, it is thought that the construction and operation of the device will be readily understood without requiring a more extended explanation, and that the numerous advantages of such device will be apparent.

I claim:

1. A crochet-needle comprising a hand piece, a pair of spaced needles mounted in said hand piece, one of said needles having a pivot offset from its lower end to adapt it

for adjustment to and from the other needle, and means for locking said needles in adjusted position in said hand piece.

2. A crochet-needle comprising a hand piece, a pair of spaced needles mounted in said hand piece, one of said needles having an offset lower end revoluble in said hand piece to adapt said needle for adjustment to and from the other needle, means for preventing said needle from revolving, and means for locking said needles in said hand piece.

3. A crochet-needle comprising a sectional hand piece having a guide, a pair of spaced needles, one of said needles having its lower end offset and revolubly mounted in said guide, means for preventing said needle from revolving in said guide, and means for locking said needles in said hand piece.

4. A crochet-needle comprising a sectional hand piece having upright guides, lateral seats extending radially from ore of said guides, a pair of spaced needles mounted in said guides, one of said needles having its lower end offset and revolubly mounted in said guide, the portion of the needle adjacent the offset end adapted to rest in said seats whereby said needle is prevented from revolving, and means for locking said needles in said hand piece.

5. A crochet-needle comprising a hand piece composed of a pair of clamping plates united at their lower ends and having outwardly bulged upright portions forming guides, lateral seats extending radially from one of said guides, a plurality of needles having their lower ends positioned in said guides, one of said needles having an offset lower end revolubly mounted in the last named guide, the portion of said needle adjacent said end adapted to rest in said seats whereby to prevent the same from revolving, and means whereby the two plates may be moved toward the other.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

CHARLES OWEN RILEY.

Witnesses:
GEO. P. DINER,
L. H. SANTEL.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."