(No Model.)

E. P. HAFF.

Crochet Needle.

No. 229,402. Patented June 29, 1880.

Fig: 1.

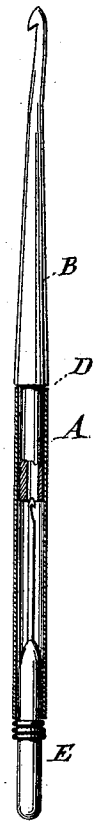
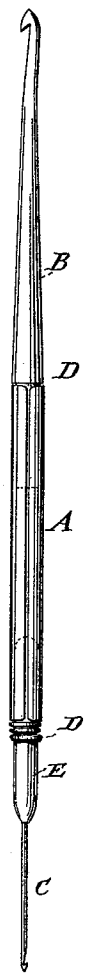


Fig: 2.



WITNESSES:

Chas. Nida.

C. Sedgwick

INVENTOR:

E. P. Haff

BY Munn & Co

ATTORNEYS.

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

EDWARD P. HAFF, OF NEW YORK, N. Y.

CROCHET-NEEDLE.

SPECIFICATION forming part of Letters Patent No. 229,402, dated June 29, 1880.

Application filed April 12, 1880. (No model.)

To all whom it may concern:

Be it known that I, EDWARD P. HAFF, of the city, county, and State of New York, have invented a new and Improved Crochet-Needle, of which the following is a specification.

The object of my invention is to provide a new and improved crochet-needle which is simple in construction and convenient in use.

The invention consists in a double crochet-needle formed of a tube, into each end of which a crochet-needle is inserted, which needles may be fine or coarse, and may be replaced by others when desired, and may be inverted in the tube when not in use.

In the accompanying drawings, Figure 1 is a longitudinal cross-sectional view of my improved crochet-needle, showing one of the needles inverted in the tube. Fig. 2 is an outside view of my improved crochet-needle, showing both needles having their rear ends inserted into the tube.

Similar letters of reference indicate corresponding parts.

A metal or other suitable tube, A, which is preferably not entirely closed, but provided with a longitudinal cut, so as to permit its cross-section to be varied, is adapted to receive the rear ends of the crocheting-needles B and C. The needles or their bases are provided with a shoulder, D, which rests against the ends of the tube and prevents the needles from being passed into the tube farther than is necessary or desired.

The needle B is to be made of ivory, bone, rubber, celluloid, wood, or any other suitable material, and is to be adapted for coarse work with cotton, worsted, and like material, whereas the needle C is to be of metal with a very fine point, for working with linen thread or silk.

The metal needle C is attached to a base, E, which is formed like the rear end of a bone or ivory crochet-needle. If the needle C is not in use it is inverted in the tube A, its point passing into a central recess in the rear end of the needle B.

The advantages of the within-described needle are that fine and coarse needles are combined in a simple manner, thus permitting any kind of work to be made with my improved needle.

By inverting the metal needle C accidents, which happen so frequently in carrying fine-pointed metal needles, are entirely avoided.

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

The combination, with the tube A, of an ordinary bone or rubber crochet-needle, B, and of the metal needle C, provided with a base, E, substantially as herein shown and described, and for the purpose set forth.

EDWD. P. HAFF.

Witnesses:
O. D. MUNN,
J. H. SCARBOROUGH.