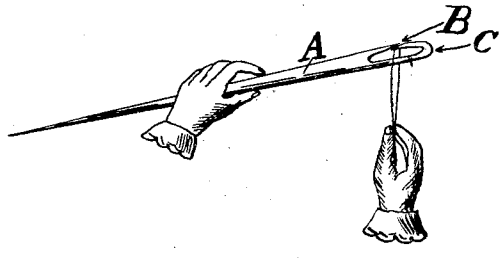
No. 31,153. PATENTED JAN. 22, 1861.

G. COOPER.
SEWING NEEDLE.



Witnesses:
S. C. Wilder.
Jeremy W. Boyd.

Inventor:
George Cooper.

UNITED STATES PATENT OFFICE.

GEORGE COOPER, OF THOMPSONVILLE, CONNECTICUT.

NEEDLE.

Specification forming part of Letters Patent No. 31,153, dated January 22, 1861; Reissued April 30, 1872, No. 4,884.

To all whom it may concern:

Be it known that I, GEORGE COOPER, of Thompsonville, county of Hartford, and State of Connecticut, have invented certain new and useful Improvements in Sewing-Needles; and I do hereby declare that the same is described and represented in the following specification and drawings; and to enable others skilled in the art to make and use my improvement I will proceed to describe the construction, referring to the drawings, in which the same letters indicate like parts in each of the figures.

The nature of my improvement in sewing needles consists in constructing or making the eye by turning over the end, and forming what I call a lap point, through which the thread may be drawn, without the necessity of inserting the end of the thread in the ordinary way.

In the accompanying drawings is shown the manner in which I construct my improved needle.

A, is the needle.

B, is the spring or lap point.

In manufacturing these needles the part C, forming the eye is drawn out straight. The lap at B, at the head or termination of the body of the needle, is formed into the desired shape, by mechanical means, and the end turned over and under the lap at B, so that by holding the needle between the thumb and fingers in the ordinary way for threading the needle and laying the thread over and bringing the parts together between the thumb and finger of the other hand, drawing it down to the lap joint B, depressing the spring or that portion of the eye under the lap admits the thread into the eye.

The advantages derived by this improvement over others now in use are several and quite important, although attended with slightly more expense in the manufacture, yet they are far superior in quality and durability, more ready and convenient for use, especially for persons whose sight is impaired. The eye is more perfect, and less liable to cut the thread. They may be made with a solid eye, and then cut diagonally, so as to admit the thread into the eye without any depression at the joint, as is thought may sometimes be done, yet it is thought will be far less perfect.

I disclaim all other forms of open-eyed needles or needles having a slit leading into the eye except the one shown in the drawing and described in that part of the specification referring to the drawing, and claim as my invention—

As a new article of manufacture the needle shown in the drawing and described in that part of the specification referring to the drawing.

GEORGE COOPER.

Witnesses:

S. I. WILDER,

JEREMY W. BLISS.