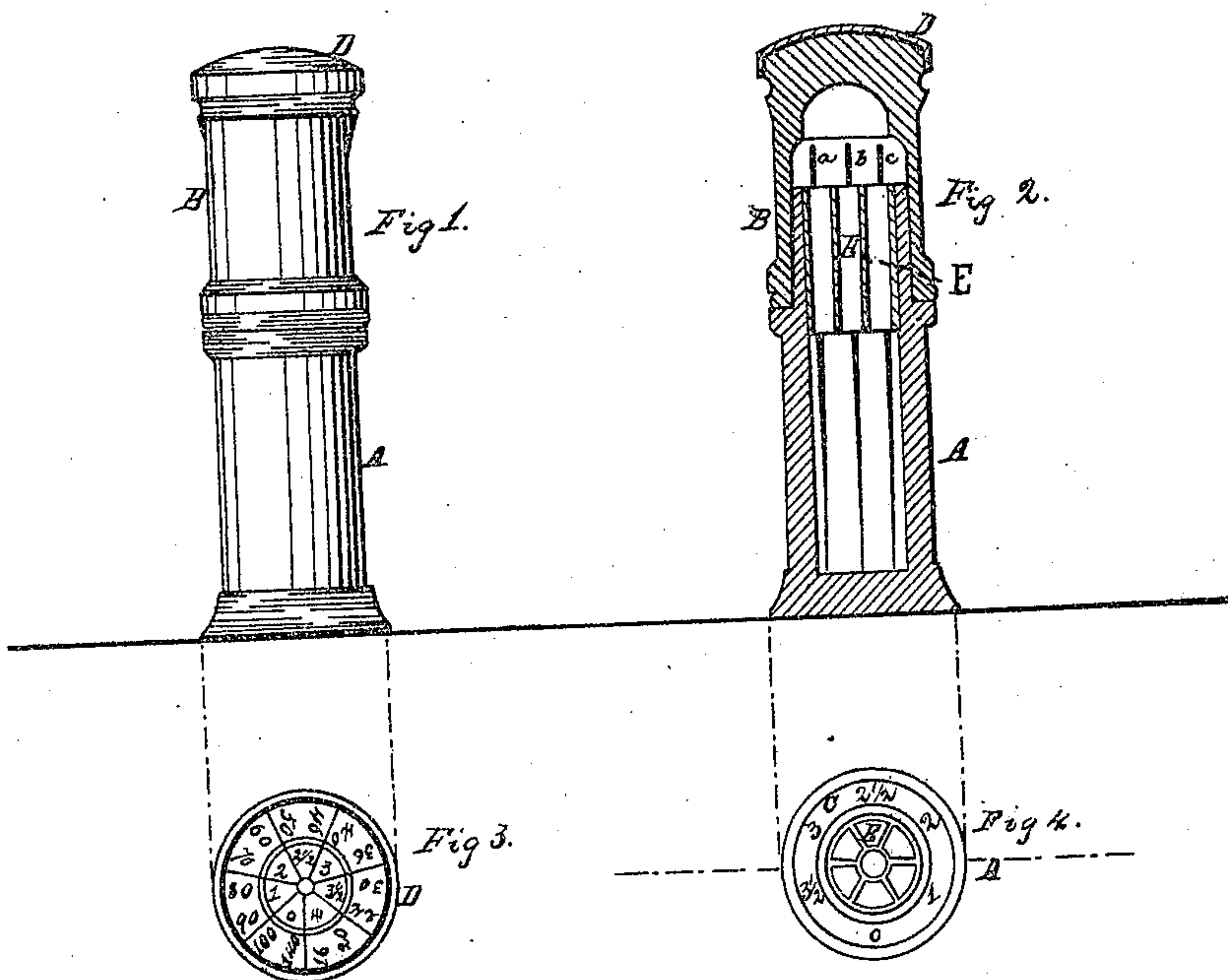


C. J. Wheeler.

Needle Case & Index.

N^o 24070.

Patented May 17, 1859.



Witnesses

E. D. Irving.
D. G. Howland.

Inventor

C. J. Wheeler

UNITED STATES PATENT OFFICE.

CALVIN D. WHEELER, OF NEW YORK, N. Y.

IMPROVED NEEDLE-CASE AND INDEX.

Specification forming part of Letters Patent No. **24,070**, dated May 17, 1859.

To all whom it may concern:

Be it known that I, CALVIN D. WHEELER, of the city, county, and State of New York, have invented a new and Improved Needle-Case and Index Combined, to determine the size of the thread and needles to properly work together in sewing-machines; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, figures, and letters of reference, making part of this specification.

Of the said drawings, Figure 1 is a perspective view of the case. Fig. 2 is a vertical section. Fig. 3 shows the index for the appropriate sizes of needles and thread which properly work together. Fig. 4 shows the cells containing the needles and the various sizes marked on a flange of the shell.

Similar letters of reference indicate like parts in the drawings.

In the use of sewing-machines by novices much difficulty is experienced in operating machines, in consequence of not properly adapting the size of needles to the thread, or vice versa, so that the thread may not be hampered in passing through the material being sewed, and properly drawing up the stitch.

The nature and object of my invention is to provide a needle-case and index as an accompanying instrument with a sewing-machine, whereby a person can always, without trial in the machine, determine the appropriate sizes of thread and needles which will work together.

To enable others skilled in the art to make

and use my improved apparatus for this purpose, I will describe its construction and operation.

A represents the shell of the box, which contains the cells E, as shown in Figs. 2 and 4.

B is the cap, which fits the shell sufficiently tight to maintain its position when placed thereon.

C is the flange, having thereon figures, placed opposite to the respective cells which describe the size of the needles, as seen in Fig. 4.

D is a metallic plate, which is secured by friction or otherwise on the cover, and is provided with the sizes of needles to correspond with those on the shell c, and directly opposite will be seen the figures which designate the appropriate-sized thread for the size of the needle, as shown in Fig. 3, thus forming a valuable and useful article in the apparatus of a sewing-machine, and avoiding time and trouble. The needles in the case are represented by the heavy black lines and letters *a b c*.

Having thus described my invention, I will state what I desire to secure by Letters Patent—

As an improved article of manufacture, a needle-case and index combined for sewing-machines, as described, whereby the appropriate sizes of the thread and needles to properly work together is always determined and shown, substantially as set forth.

C. D. WHEELER. [L. S.]

Witnesses:

C. A. DURGIN,

D. G. ROWLANDS.