

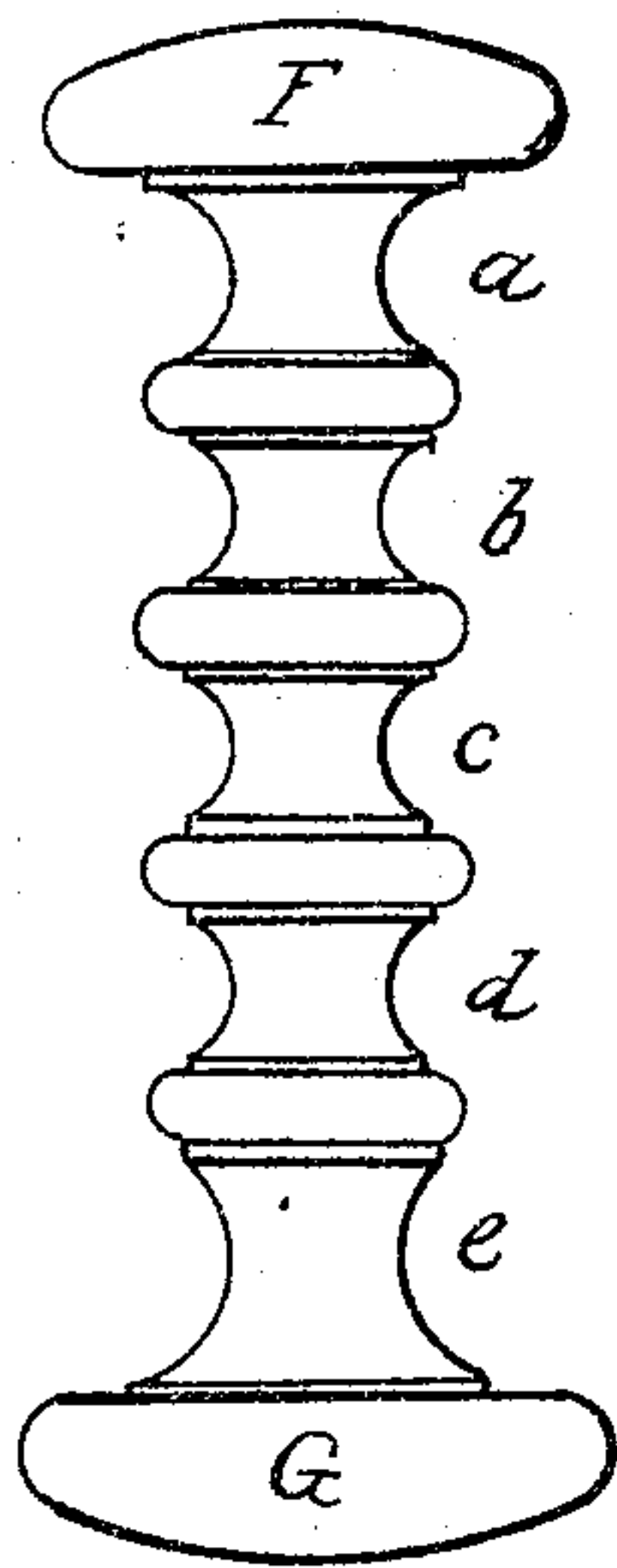
*J.H. Greenleaf.*

*Darning Spool.*

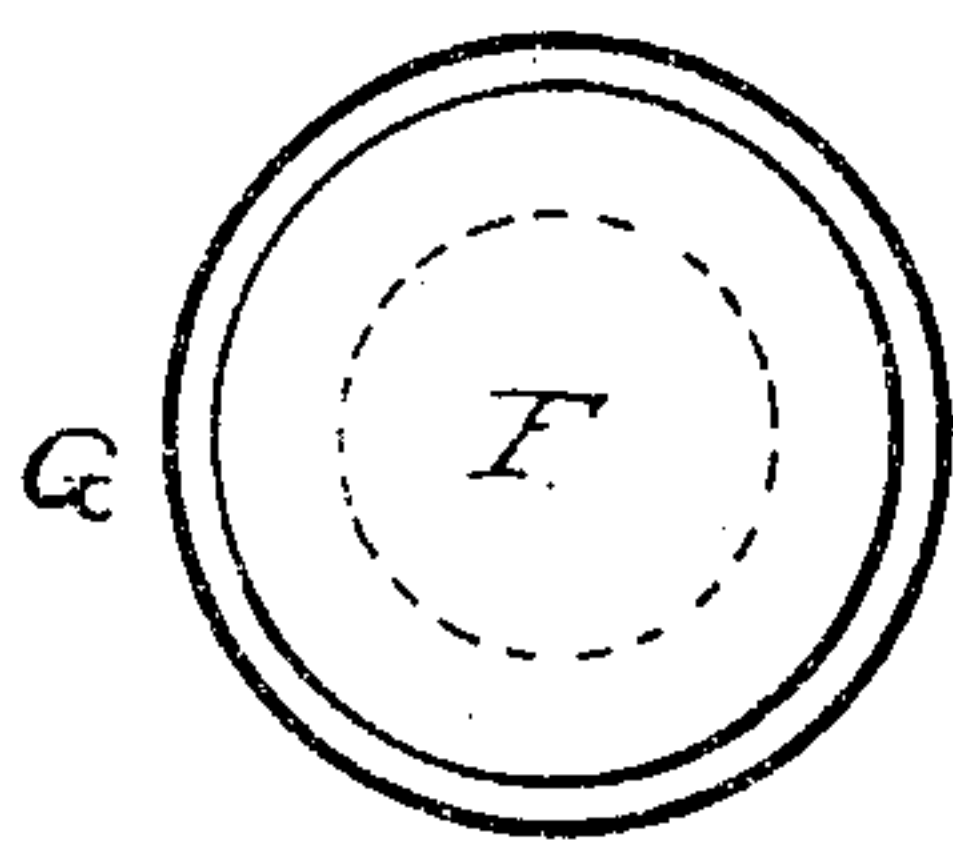
*N<sup>o</sup> 52643.*

*Patented Feb. 13. 1866*

*Fig. 1.*



*Fig. 2.*



*Witnesses:*

*Thos. Lusch*  
*J. M. Conington*

*Inventor*  
*J. H. Greenleaf*  
*By M. M. Co.*  
*Att'y*

# UNITED STATES PATENT OFFICE.

JOSEPH H. GREENLEAF, OF NEW HAVEN, CONNECTICUT, ASSIGNOR TO  
JOHN M. MARLIN AND GEO. H. SNOW, OF SAME PLACE.

## IMPROVEMENT IN DARNING-SPOOLS.

Specification forming part of Letters Patent No. 52,643, dated February 13, 1866.

*To all whom it may concern:*

Be it known that I, JOSEPH H. GREENLEAF, of New Haven, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Darning-Spools; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is an elevation of a spool made according to my invention. Fig. 2 is a plan.

The object of this invention is to produce an article which will serve to hold, as on a spool, several varieties of darning-yarn, and whose ends shall serve to distend the parts of a stocking to be mended or darned.

The labor of mending or darning stockings is much facilitated by distending the broken parts over a convex surface, and for this purpose it has been quite common to use a ball of yarn, and also a small gourd.

My invention is meant to supply in one implement or article both a device for distending the stocking and a device for receiving the yarn to be used in the work.

In the example here shown of my invention, the letters *a b c d e* designate separate places for receiving yarn of different colors and sizes,

so that one can have them all at hand on the same article. These places are divided from each other by ridges, which may be of any suitable height, according to the quantity of yarn to be wound, and the divisions may be more or less numerous according to the number of kinds of yarn to be gathered on the spool. The flanges *F G* at the ends of the spool are rounded, so as to form surfaces of the proper convexity to distend the parts of the stocking to be mended. These flanges are of different sizes, so as to be used for large and small stockings, *F* being the smaller and *G* being the larger.

The form of the article may be varied without departing from the scope of my invention—as, for instance, the spool may be bent out of a right line for convenience in handling, or it may be increased or diminished in length, or it may have only two places for winding yarn on it.

I claim as new and desire to secure by Letters Patent—

The darning-spool above described as a new article of manufacture.

JOSEPH H. GREENLEAF.

Witnesses:

ISAAC N. DANN,  
JONATHAN DANN.