

Koch & Beck,

Steel Holder.

No. 107,786.

Patented Sept. 27, 1870.

Fig. 1.

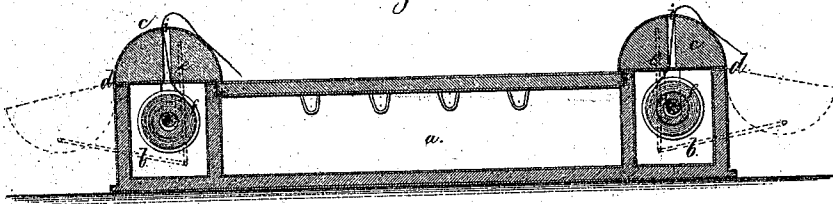
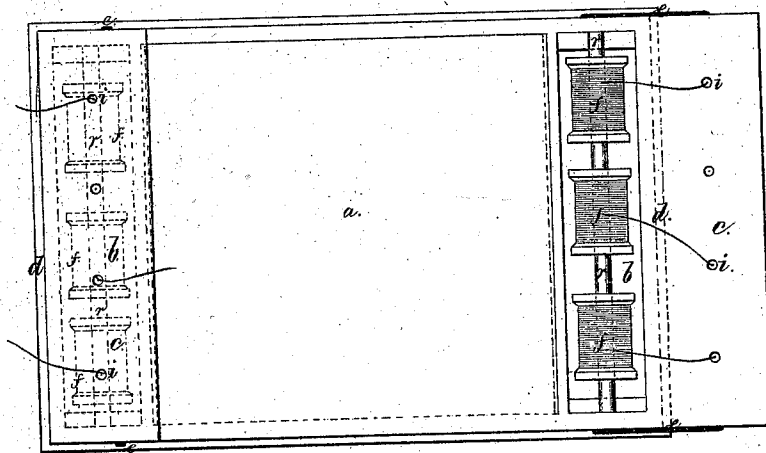


Fig. 2.



Witness,

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# UNITED STATES PATENT OFFICE.

JOHN C. KOCH AND BERNARD J. BECK, OF BROOKLYN, ASSIGNORS TO  
KOCH, SONS & CO., OF NEW YORK, N. Y.

## IMPROVEMENT IN SPOOL-HOLDERS.

Specification forming part of Letters Patent No. **107,786**, dated September 27, 1870.

*To all whom it may concern:*

Be it known that we, JOHN C. KOCH and BERNARD J. BECK, of Brooklyn, in the county of Kings and State of New York, have invented an Improved Spool-Holder; and the following is declared to be a correct description thereof.

This holder is for spools of cotton, thread, or silk, and designed for the use of ladies in their sewing; and we have shown in the drawings the spool-holders combined with a box for holding scissors, needles, &c., and to this article as a whole we have given the name of "The Beauty."

This invention consists in a box with a movable rod, upon which the spools are placed, a swinging cover, perforated for the thread to pass through, and contractile springs to keep the cover closed. Boxes for holding spools, and drawers for the same purpose, with openings for the threads to be drawn out, have been used before. Our invention is distinguished from the same by the hinged swinging lid provided with perforations and contractile springs, said perforations being used as the guide for the thread that is drawn off the spools. This swinging lid is more convenient than the devices before employed, because the same is easily turned over for the thread to be passed through the perforation.

In the drawings, Figure 1 is a vertical sec-

tion of two spool-holders and an intervening work-box, and Fig. 2 is a plan of the same with one of the lids thrown over.

The work-box *a* is shown as between the boxes *b b*, each of which is provided with a cover, *c*, hinged at *d*, and fitted with a contractile india-rubber cord or other spring at *e*, that tends to keep the lid shut or to hold it steady when open, as seen by dotted lines in Fig. 1, so that the thread can be easily passed from one of the spools through one of the openings *i*, after which the cover can be turned back to place. The spools *f* of thread or silk are shown as upon the movable rod *r*, that is set at its ends in notches at the end of the box *b*.

A spool-holder made as aforesaid is a new and useful article of manufacture, and one that is superior to those before constructed in the features named.

We claim as our invention—

The spool-holder made of a box with a perforated swinging cover, combined with contractile springs and the rod for carrying the spools, as set forth.

Dated this 8th day of August, 1870.

JOHN C. KOCH.

B. J. BECK.

Witnesses:

GEO. T. PINCKNEY,

CHAS. H. SMITH.