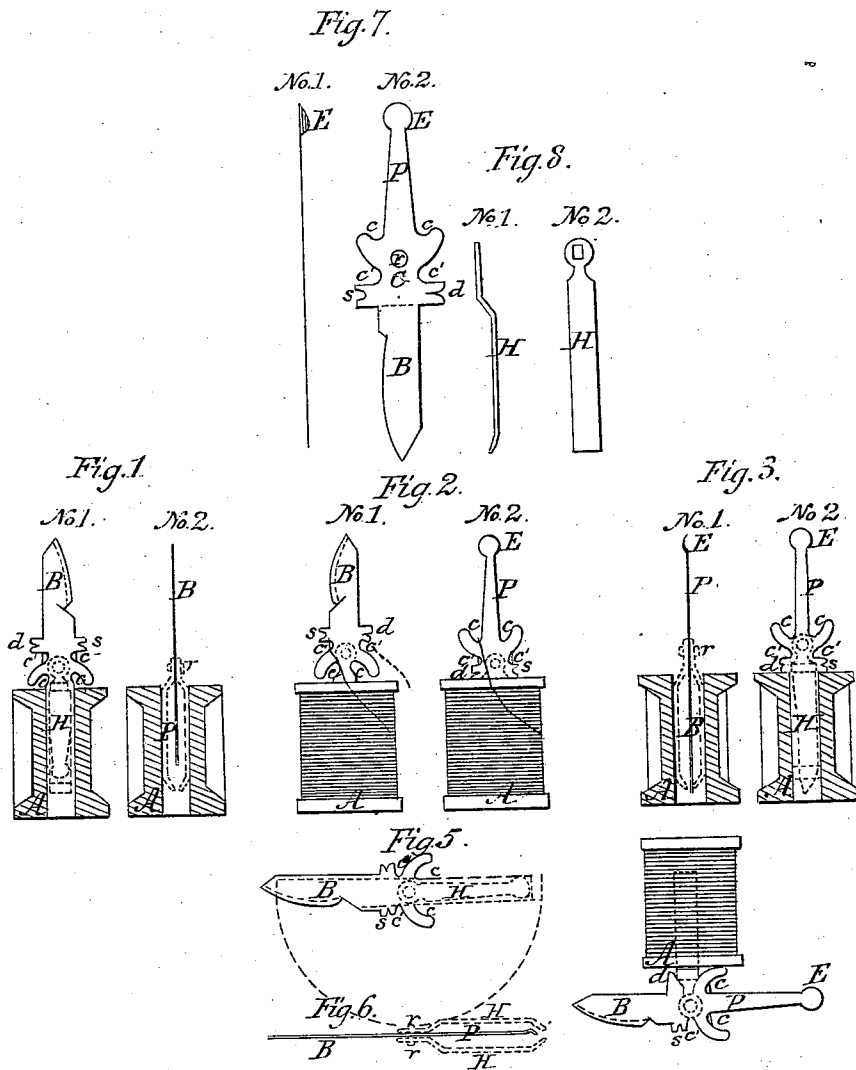


G. WELLS.

Sewing-Table Implement.

No. 92,498.

Patented July 13, 1869.



Witnesses.

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GEORGE WELLS, OF BETHEL, CONNECTICUT.

Letters Patent No. 92,498, dated July 13, 1869.

## IMPROVEMENT IN WORK-TABLE IMPLEMENT AND SPOOL OF THREAD COMBINED.

The Schedule referred to in these Letters Patent and making part of the same:

To all whom it may concern:

Be it known that I, GEORGE WELLS, of Bethel, in the county of Fairfield, and State of Connecticut, have invented and made a new and useful Implement for Attachment to Spools of Thread, Cotton, Silk, &c.; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form part of this specification.

The nature of my invention consists—

First, in the combination, with a thread-cutter composed of a plate or stock provided with one or more thread-cutting edges, and adapted for use with a spool of thread, silk, &c., of a reversible spring, constructed so as to pass into the bore of such spool, and whether such spring be constructed simply as a retaining-spring, or of such form as to perform the functions of a pair of tweezers.

Second, in the combination, with such thread-cutter and spring, of a cutting-blade, similar to the blade of a knife.

Third, in the combination, with such thread-cutter, of a thread-retainer.

Fourth, in the combination, with such thread-cutter, of a projection-plate, which may be constructed as an ear-spoon, or as a stiletto.

Fifth, in the combination, with such thread-cutter, of a needle-threader for threading worsted-needles.

Sixth, in the combination of all of the said devices in one implement.

In the accompanying drawings I have, for convenience, shown an implement embodying all of the above-mentioned features, and provided with four thread-cutting edges, but from the following description, it will become apparent that certain of said features may be omitted, and still leave an implement of much use to a lady when sewing, and a truly convenient article in a lady's work-basket.

In the said drawings—

Figure 1, No. 1, represents a longitudinal central section of a spool, to which is applied my improved implement, when it is constructed with the several features specified in the foregoing nature of invention.

Figure 2, No. 1, is a front view of the implement as attached to a spool of thread, showing the cutting-blade, two of the thread-cutting edges, and the thread-retainer, ready for use; also showing the needle-threader. Within the bore of the spool are hidden the projection and a greater portion of the spring.

No. 2 is a similar view, showing the two other thread-cutting edges, the projection or ear-spoon, and the thread-retainer, ready for use; also showing the needle-threader. The cutting-blade is concealed in the bore of the spool, and lies between the two arms of the spring.

Figure 3, No. 1, is an edge view of the implement

when applied to a spool, the latter being shown in section.

No. 2 is a side view of the same.

Figure 4 shows a mode, not elsewhere shown, of adapting the implement to the spool, so that the latter will serve as a convenient handle for the blade.

Figure 5 is a side view of the implement detached from the spool.

Figure 6 is an edge view of fig. 5.

Figure 7, No. 1, is an edge view of the part which forms the thread-cutting edges, the cutting-blade, the thread-retainer, the needle-threader, and the projection, the outer end of which forms the ear-spoon or stiletto, accordingly as constructed.

No. 2 is a side view of the same, showing hole for the rivet.

Figure 8, No. 1, is an edge view of one of the arms of the spring.

No. 2 is a side view of the same, showing hole for the rivet.

A designates the ordinary spool upon which thread or silk, &c., is usually wound.

B is the cutting-blade, which is similar to the blade of a knife, and for the same purposes.

C is the stock, or part carrying the thread-cutting edges *c c c c*, thread-retainer *d*, and needle-threader *s*.

P is the projection, which, in the sample illustrated, is in the form of an ear-spoon, but which, it is obvious, may be in the form of a stiletto.

It will be noticed, by reference to fig. 7, that the parts C, B, *c, c', d, s*, and P, are all formed of one piece of metal, steel, for instance, but they may be made separately, if desired, and soldered or otherwise fastened together.

H designates the spring for securing the implement to the spool. This spring is in two parts, to remain locked together, whether the cutting-blade be in the position shown in fig. 1, No. 1, or as otherwise shown; and to effect this, I make the rivet-hole through the stock or part C, carrying the thread-cutting edges, round, and those through the two parts of the spring square, or any other than round.

The spring H is, in the present instance, made in the form of a pair of tweezers, and thus another useful feature is embodied in this implement.

The needle-threader *s* is designed especially for threading worsted-needles, the worsted being drawn in or bent across the notch *s* in the stock C, (refer to fig. 7, No. 2) and then carried or guided thereby through the eye of the worsted-needle.

The thread-retainer *d* is also a V-shaped notch on the stock C, and into this the thread is drawn and held by friction or jamming, in essentially the same way as is effected by the ordinary cut or gash made in the flange of a spool of cotton.

The dotted lines in fig. 2 represent the thread of

the spool, as held by the thread-retainer in a manner to prevent its unwinding; also represents the thread from the spool, drawn against two different cutting, *c* or *c'*, according to the position of the implement shown in the drawing.

I will now remark that it will appear evident, first, that the stock or part carrying the thread-cutting edges and the reversible spring, without the other features, constitute a useful device for a lady's work-basket; second, that the cutting-blade may be added to these; third, that the thread-retainer may be added to such stock or part; fourth, that the needle-threader may be added to such stock or part; fifth, that the projection may be added to such stock or part.

As in all of these changes, or omissions, or additions, a novel and useful device will be produced, hence I shall set up my claims covering these variations of forms.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination, with a thread-cutter composed of a plate or stock provided with one or more cutting-edges, of a reversible spring, whereby the same is

adapted to be secured to a spool of thread, substantially as herein described and shown.

2. The combination, with a thread-cutter and reversible spring, adapted to be attached to a spool, of a cutting-blade, similar to the blade of a knife, arranged to operate substantially as described and shown.

3. The combination, with a thread-cutter, adapted to be secured to a spool, of a thread-retainer, *d*, substantially as described and shown.

4. The combination, with a thread-cutter, of a projecting plate, *P*, formed as an ear-spoon or stiletto, substantially as and for the purposes specified.

5. The combination, with a thread-cutter adapted to be secured to a spool, of a worsted-needle threader, *s*, substantially as described and shown.

6. The combination, in one implement, of the blade *B*, projecting plate *P*, reversible spring *H*, and stock *C*, the latter provided with the cutting-edges *c c c'*, thread-retainer *d*, and needle-threader *s*, substantially as herein described.

Witnesses:

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CHARLES E. FAIRCHILD.