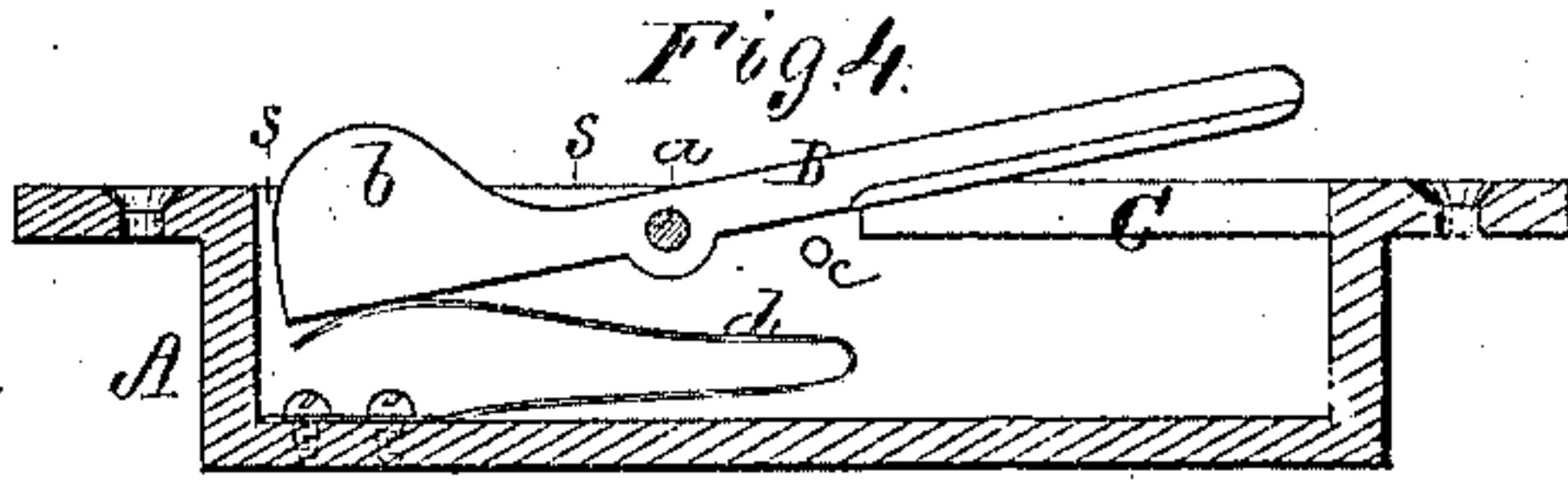
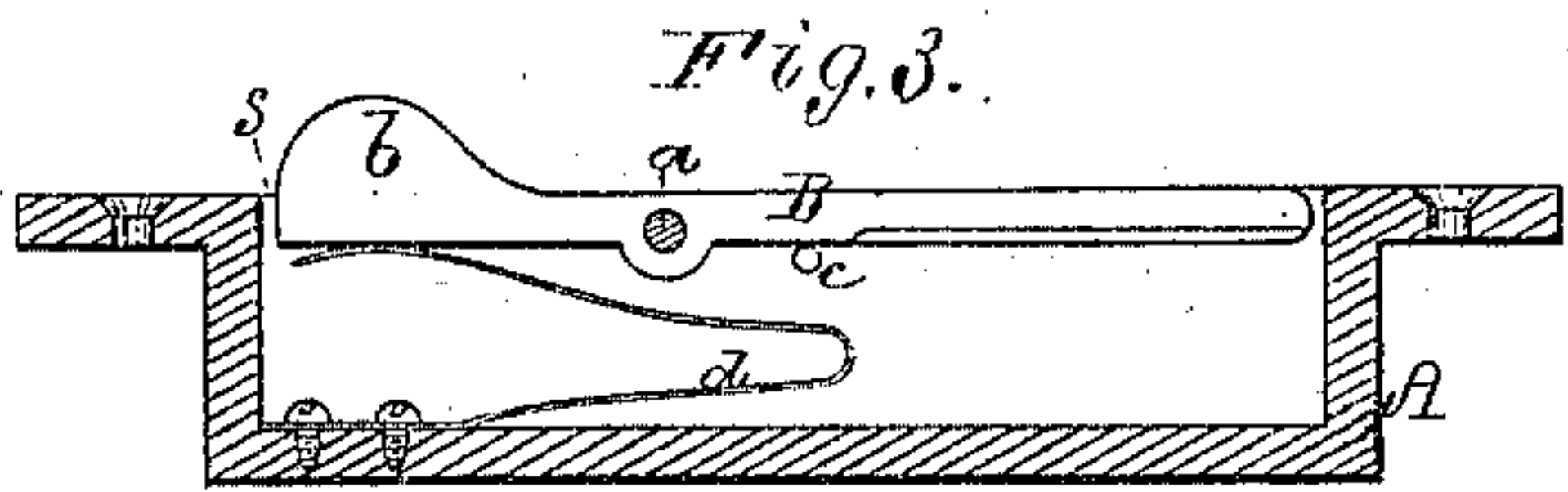
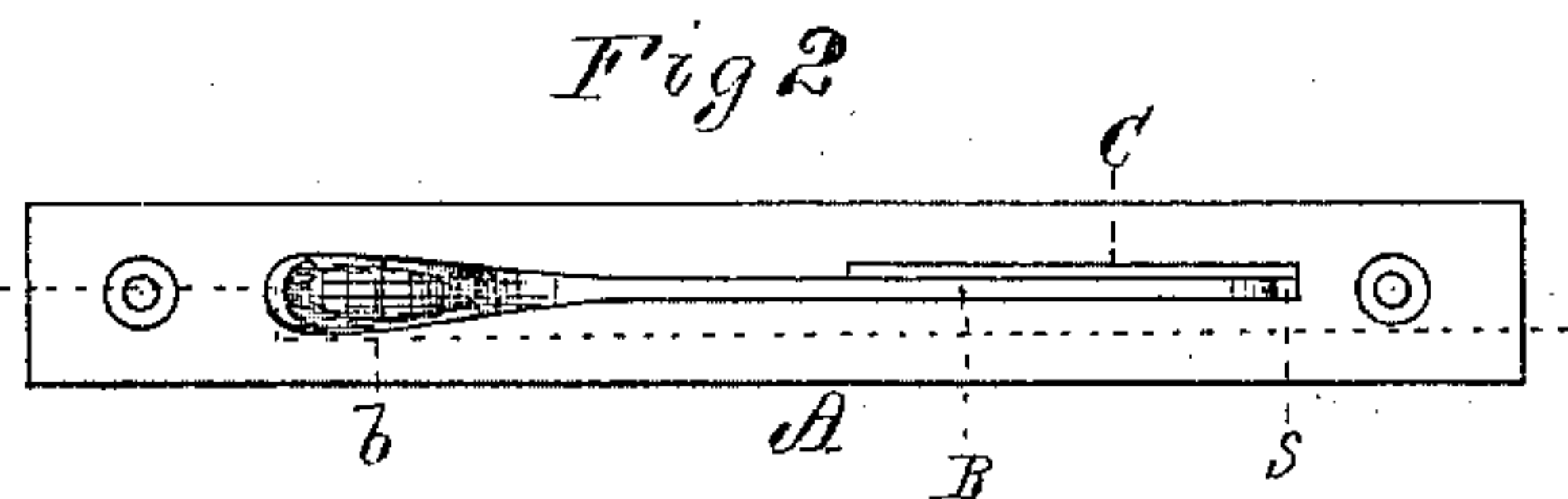
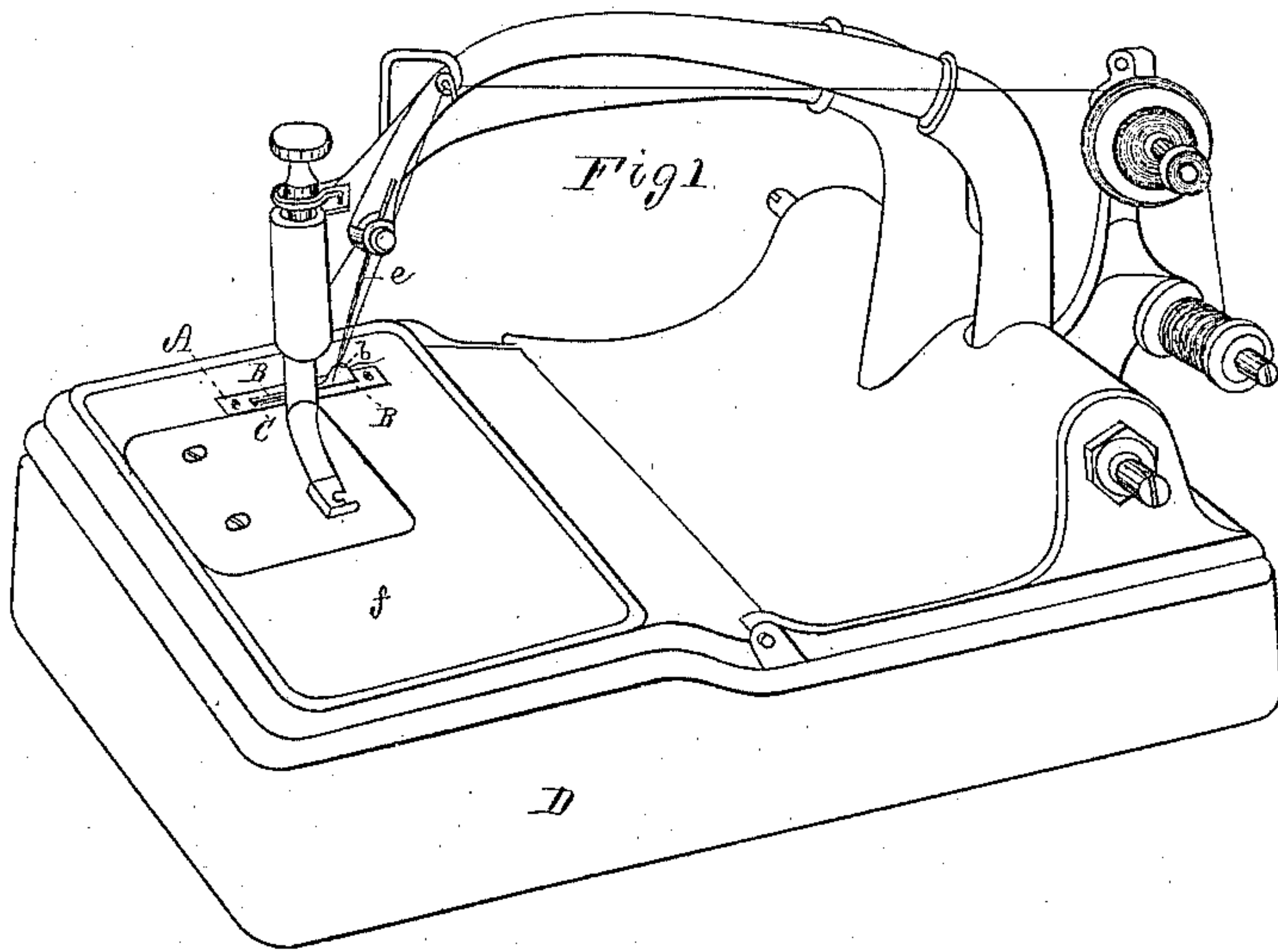


**F. COLLINS.**

## Thread-Cutters for Sewing-Machines.

No. 134,518.

Patented Jan. 7, 1873.



Witnesses.

S. W. Piper  
L. N. Möller.

Frederick Collins.

by his attorney.

R. H. Huddy

# UNITED STATES PATENT OFFICE.

FREDERICK COLLINS, OF PORTLAND, MAINE.

## IMPROVEMENT IN THREAD-CUTTERS FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. 134,518, dated January 7, 1873.

*To all whom it may concern:*

Be it known that I, FREDERICK COLLINS, of Portland, in the county of Cumberland and State of Maine, have made a new and useful Invention having reference to Sewing-Machines, it being an attachment or mechanism therefor, for the purpose of enabling a person to readily sever the thread from the needle after the operation of sewing an article may have been performed; and I do hereby declare the same to be fully described in the following specification and represented in the accompanying drawing, of which—

Figure 1 denotes a perspective view of a sewing-machine with the said attachment; Fig. 2 is a top view; Fig. 3, a longitudinal section of the attachment, the latter figure showing the movable blade as down; and Fig. 4 represents a similar section, showing the blade as raised.

In such drawing, A denotes a small metallic box or case formed as shown, and with a slot, *s*, in its top to receive the movable cutter-lever B, and also a stationary blade or cutter, C. The latter is fixed in the side of the slot and level or even with the upper surface of the box. The movable cutter formed with its cutting-arm like a shear-blade is arranged in the slot so as to turn on a fulcrum or pivot, *a*. The shorter arm of the lever is formed or provided with a round knob or extension, *b*, to project from it and above the upper surface of the box, and such arm is provided with a spring, *d*, or such a spring is arranged in the box, in manner as shown, to bear against the knobbed arm to elevate it, and as a consequence depress the cutting-arm. A stop, *e*, serves to arrest the cutting-arm when down to its lowest position. The article so made is or is to be inserted and fixed in the table or bed *f* of a sewing-machine, D, in close proximity with the needle *e*, so that a person, after a piece of work may have been sewed, and while he may be drawing it away from the needle with or holding it drawn away by one hand, can press down the knob with his other hand and pass the thread under the raised blade, so as to enable such on removal of his

hand from the knob to be forced down by the spring *d*, and, with the stationary blade, cut or sever the thread.

This sewing-machine attachment does away with the necessity of having a pair of scissors at hand, liable to get lost or out of place when wanted, the attachment having no projecting points to cut or tear the cloth, for when the machine is at work no part of the attachment but the knob extends above the surface of the bed or table, such knob being out of the way or path of the cloth.

The sewing-machine bed or table may be slotted or chambered so as to hold the stationary and knobbed lever-blades and the operative spring and stop of the lever-blade, such rendering unnecessary the separate case; but generally it is better to have the case removable from and attachable to the bed or table.

I make no claim to the cutting attachment shown and described in Letters Patent No. 109,662, dated November 29, 1871, and granted to Pratt and Rand, such attachment being constituted so as to be operated automatically by the fly-wheel of a sewing-machine. In my attachment the spring operates to cause the movable blade to cut, it being raised by the finger of a person applied to its knob; but in the aforesaid patented cutting attachment the spring serves a different purpose, and is differently arranged. Furthermore, the stationary blade of my attachment does not extend above its box or case; and I have a stop, *e*, which is not found in the said patented attachment.

I claim—

The combination of the removable box or case A, the stationary blade C, the movable cutter-lever B, the knob *b*, the spring *d*, and the stop *e*, all arranged and constructed substantially in manner and for adaptation to and use with a sewing-machine, D, as explained.

FRED. COLLINS.

Witnesses:

JOSIAH HEALD,  
J. H. WILLIAMS.