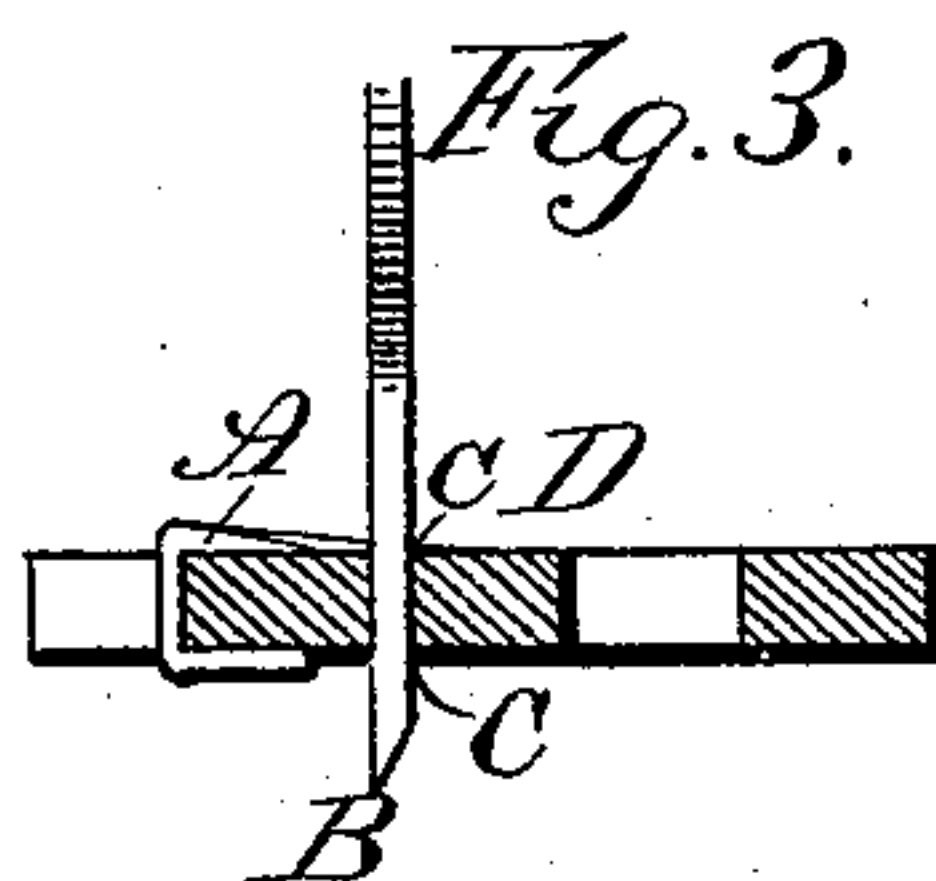
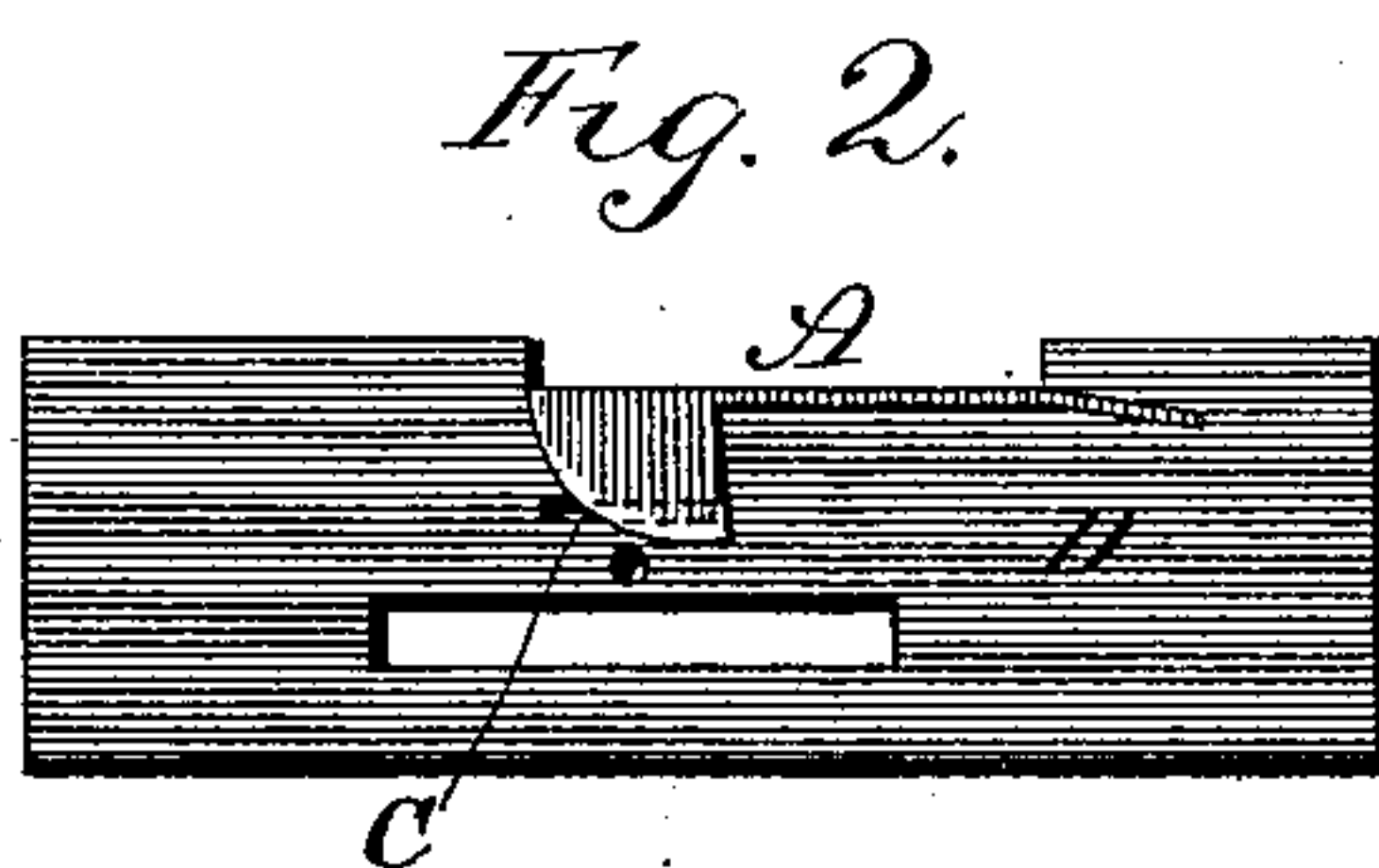
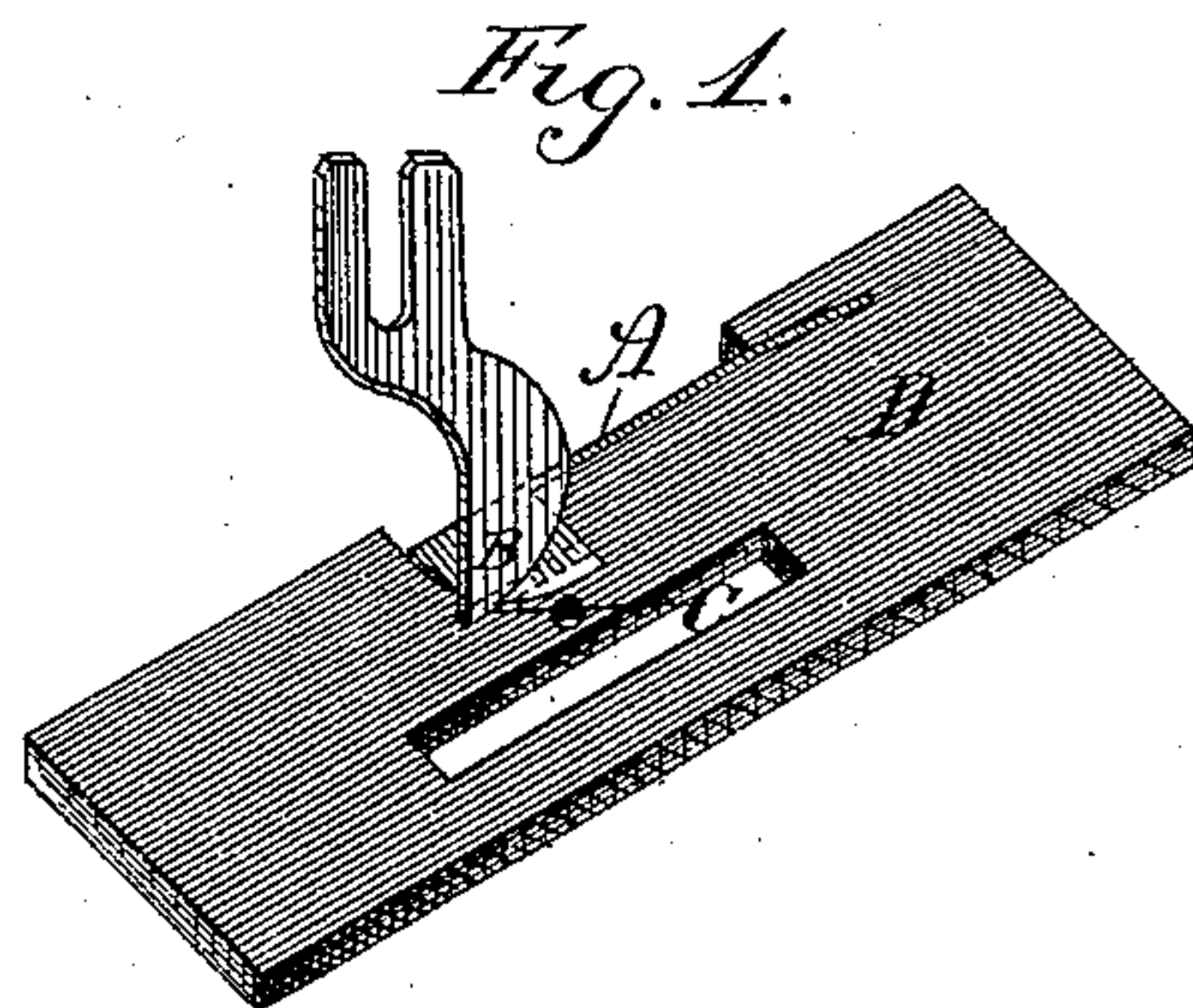


J. E. WILSON.  
Trimming Attachment for Sewing-Machines.  
No. 226,432. Patented April 13, 1880.



Witnesses:

J. W. Garner?  
W. S. D. Haines

Inventor:  
Jas. E. Wilson.  
per  
F. A. Lehmann,  
Atty.

# UNITED STATES PATENT OFFICE.

JAMES E. WILSON, OF CHICAGO, ILLINOIS.

## TRIMMING ATTACHMENT FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 226,432, dated April 13, 1880.

Application filed August 14, 1879.

*To all whom it may concern:*

Be it known that I, JAMES E. WILSON, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Trimming Attachments for Sewing-Machines; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

Figure 1 is a representation of the throat-plate of the sewing-machine with the yielding spring or plate attached and showing the position of the knife. Fig. 2 is a plan view of the throat-plate having the yielding plate or spring. Fig. 3 is a vertical section of my invention.

The object of my invention is to furnish for sewing-machines a device that will keep all dirt and trimmings made in trimming goods from being forced down through the slot in the throat-plate of the sewing-machine, and to assist and make the knife of the trimmer cut and trim readily and perfectly all kinds of material, more especially soft material.

As the trimming-knife rises the yielding or spring plate A closes the slot C in the throat-plate D, except where the point of the knife B enters the slot C in the throat-plate. The flat side of the knife B fits closely against the edge of the slot C, and against the beveled side of the knife the yielding or spring plate A fits closely, so that when the knife is driven down-

ward the slot in the throat-plate is kept closed, thus keeping loose material or dirt and bits of trimmings from being forced through the slot in the throat-plate of a sewing-machine to clog and obstruct the machinery of the same. This yielding or spring plate is a great help in aiding the trimming-knife to cut and trim soft material easily and successfully, as it brings a cutting-edge closely against the beveled side of the knife.

I am aware that a slot has been cut in the bed-plate of the machine that is much wider than is necessary for the cutter or chisel, and that a sliding plate that is actuated by a spring has been placed in the slot and forced against the knife, and this I disclaim.

In my invention but a narrow slot is cut in the bed-plate, and the spring-plate itself forms the guard for the slot.

Having thus described my invention, I claim—

The combination of the throat-plate D, having a narrow slot, C, with the knife B and spring-plate A, the said spring-plate being secured to the edge of the throat-plate and made to form a guard for the slot, substantially as shown and described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JAMES E. WILSON.

Witnesses:

S. E. McDOWELL,  
SAML. HOFMAN.