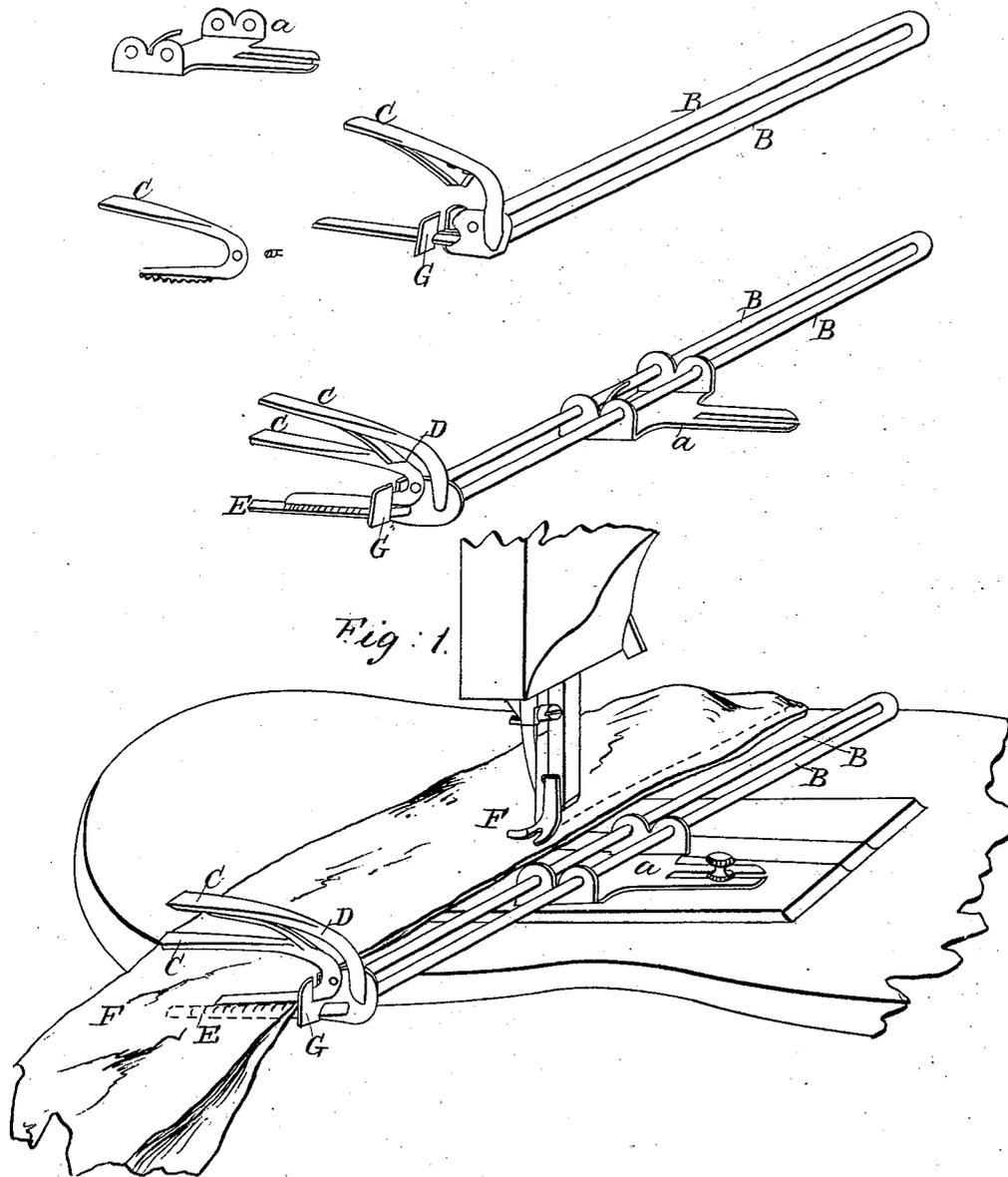


W. CARPENTER.

Cloth Guide for Sewing Machines.

No. 85,364.

Patented Dec. 29, 1868.



Witnesses.

E. Switzer
W. F. Burch

Inventor

William Carpenter



WILLIAM CARPENTER, OF FAIRBURY, ILLINOIS.

Letters Patent No. 85,364, dated December 29, 1868.

IMPROVEMENT IN CLOTH-GUIDE FOR SEWING-MACHINES.

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

Be it known that I, WILLIAM CARPENTER, of Fairbury, in the county of Livingston, and State of Illinois, have invented a new and improved Basting and Self-Guiding Attachment to Sewing-Machines; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention consists of an attachment, constructed as herein described.

A is a metallic plate, with a long slot in it, to vary the width of the seam, and is fastened to the machine by the guide-screw.

B B are steel slides, which are intended to slide parallel with the edge of the cloth, through holes in plate A, to which is attached a small spring, pressing the slide, causing a tension.

C C are cloth-pincers, attached to slide B B, which hold the edges of the cloth together, and are drawn with the slide toward the needle, by the feed of the machine.

D is a spring, to hold the pincers sufficiently to the cloth, so that the cloth, when fed forward, will draw the slide with it, and guide the work to the needle.

The dotted line E shows the lower jaw of the pincers under the cloth F F.

G is a small plate-guide, to which are brought the edges of the cloth.

The operation is as follows:

Set the guide the proper distance from the needle, to make the desired width of seam, with the guide-screw that accompanies every machine. Draw out the slide toward the operator, and put the two pieces of cloth to be sewed together, under the presser-foot of the machine, and in the pincers. While the machine is sewing the length between the pincers and the needle, prepare another length. In taking hold of the pincers C C with the left hand, the cloth is liberated, and the slide can again be drawn out to its full length, and so on until the end is reached, without stopping the machine. The teeth of the pincers are so cut that in case the operator should forget to draw out the guide, no damage will be done, as the cloth will draw through when it reaches the stop.

Having thus fully described my invention,

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

The combination of slide B B, pincers C C, and metallic plate A, all constructed and operating substantially as and for the purpose described.

Witnesses: WILLIAM CARPENTER.

E. H. SWEETSER,
B. F. BURCH.