

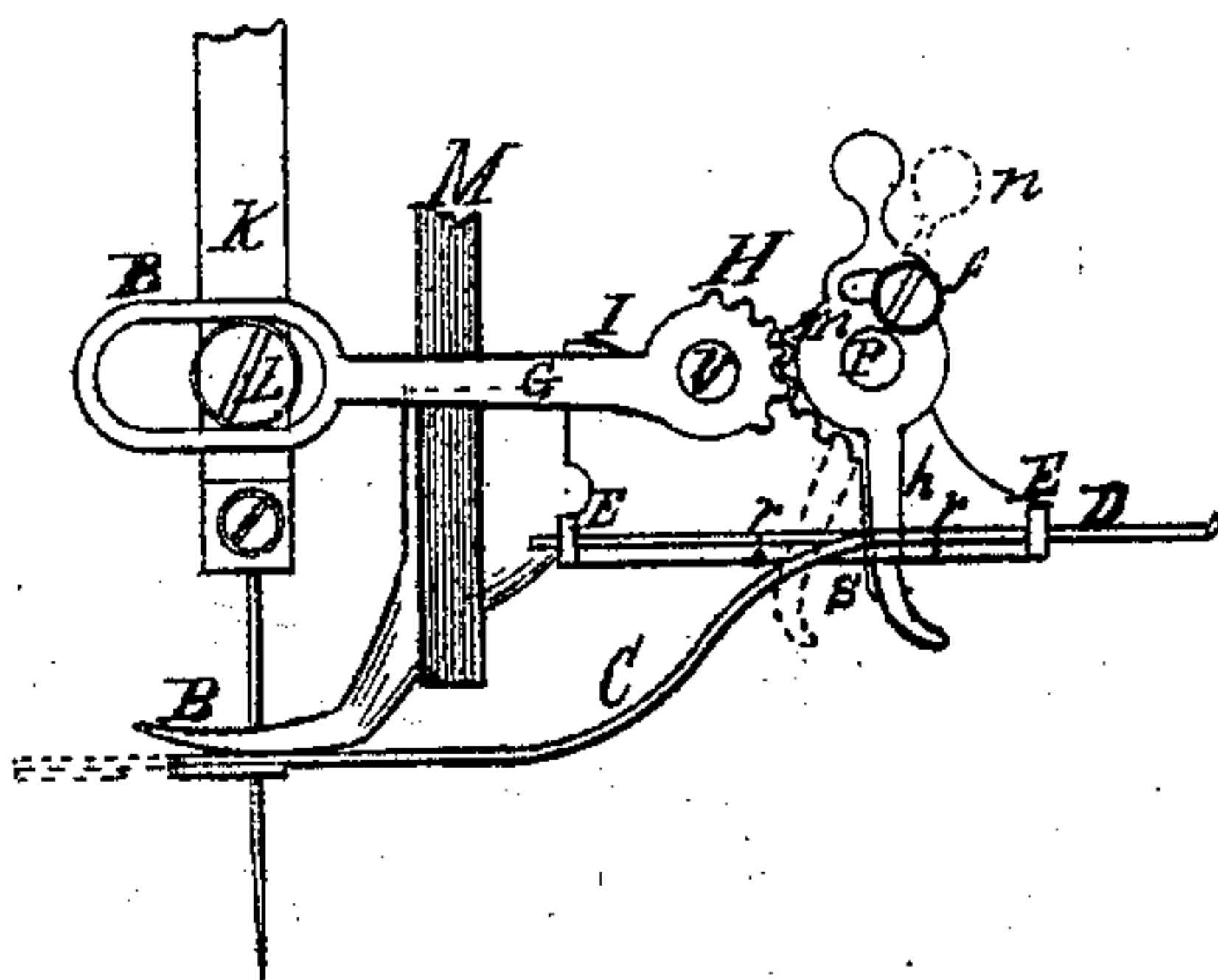
T. G. PERKINS.

Ruffling-Attachment for Sewing-Machines.

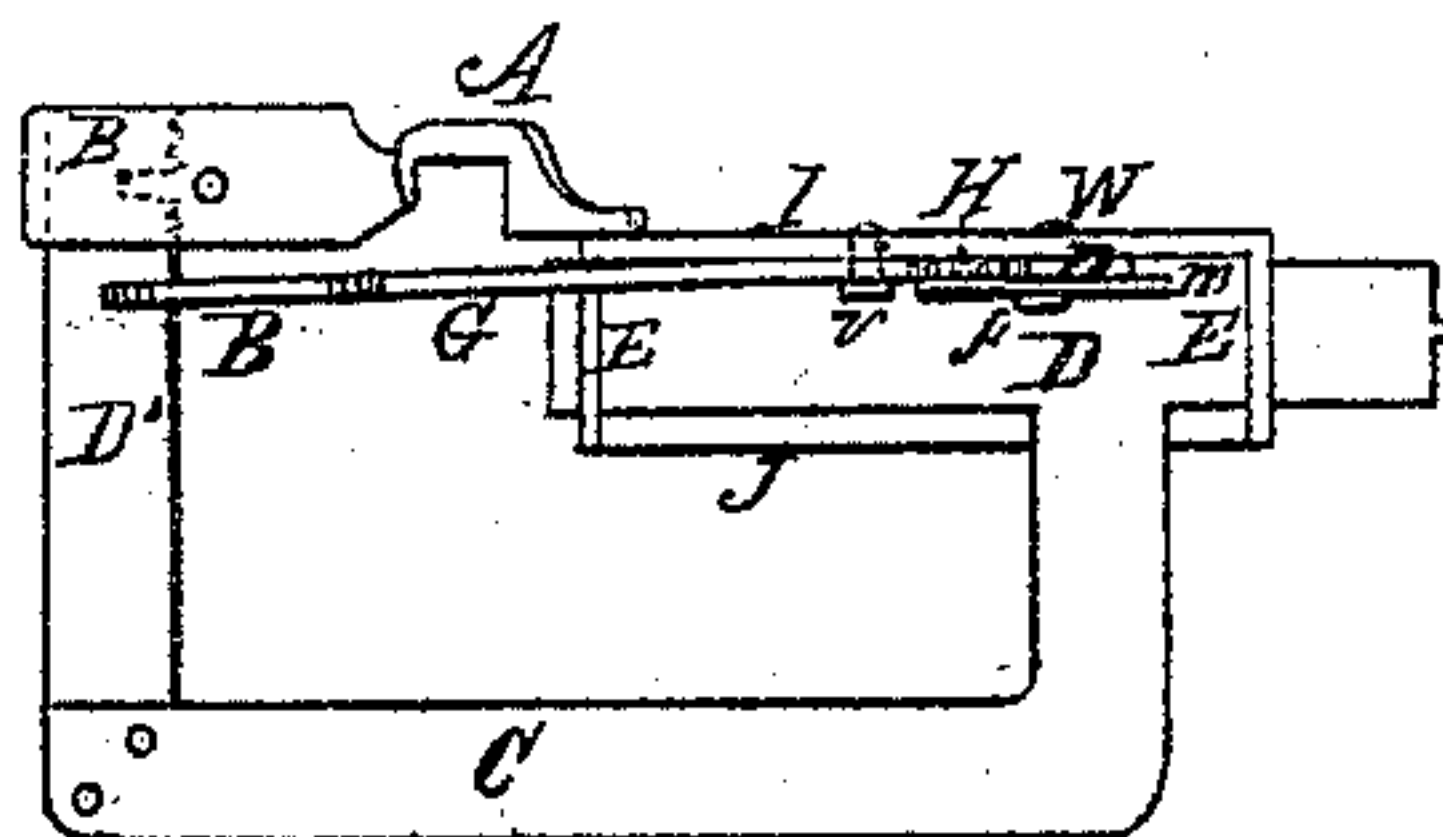
No. 130,592.

Patented Aug. 20, 1872.

*Fig. 1*



*Fig. 2*



Witnesses

*David J. Lane*  
*G. A. Chapin*

Inventor

*Thomas G. Perkins*

# UNITED STATES PATENT OFFICE.

THOMAS G. PERKINS, OF CHICAGO, ILLINOIS.

## IMPROVEMENT IN RUFFLING ATTACHMENTS FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. 130,592, dated August 20, 1872.

### SPECIFICATION.

I, THOMAS G. PERKINS, of Chicago, in the county of Cook and State of Illinois, have invented an Improved Ruffler for Sewing-Machines, of which the following is a specification:

The present invention relates to an improvement in devices to be used on sewing-machines for gathering, ruffling, &c.; and it consists in a lever operated by the needle-bar, and provided with teeth to engage a ratchet forming part of a finger device that operates the plaiter. The movement of the finger may be adjusted to give any desired length of stroke to the feeding-knife or blade.

In the drawing, Figure 1 is a longitudinal elevation of my improved ruffler and gatherer; Fig. 2, a plan or top view of the same.

A represents the frame-work of the attachment, which is fastened to a presser-foot bar, M, in the usual manner, and which is elongated at one end to form a presser-foot, B, and elongated at the opposite end to form a support, I J E, for the part D of the sliding frame D C to run in, and give the proper movement to the feed-knife or plaiter D to form the gather or ruffle. G represents the lever, which is oper-

ated by the needle-bar *k* in the usual manner, and which is pivoted to the frame-work I at V, and provided with a ratchet, H, which meshes into a ratchet on a finger, *n s*, so that the movement of the lever operates the finger back and forth in a mortise, *r r*, of plate D, and moves said frame in one direction. The frame is moved in the opposite direction by means of a finger, *h*, which is held to the finger *n s* by a set-screw, P, that holds the finger to the frame I. The upper end of the finger *h* is provided with a slot to receive a screw, *f*, secured to ratchet-finger *n s*, by means of which the finger *h* can be adjusted with reference to the slot in plate D, so as to move the plate a greater or less distance, as may required to gather the cloth.

I claim and desire to secure by Letters Patent—

The toothed lever G, the ratchet-finger *n s*, the adjustable finger *h*, their supporting-frame, and the plaiter, all constructed and operating as described.

THOMAS G. PERKINS.

Witnesses:

G. L. CHAPIN,  
DANL. J. LANE.