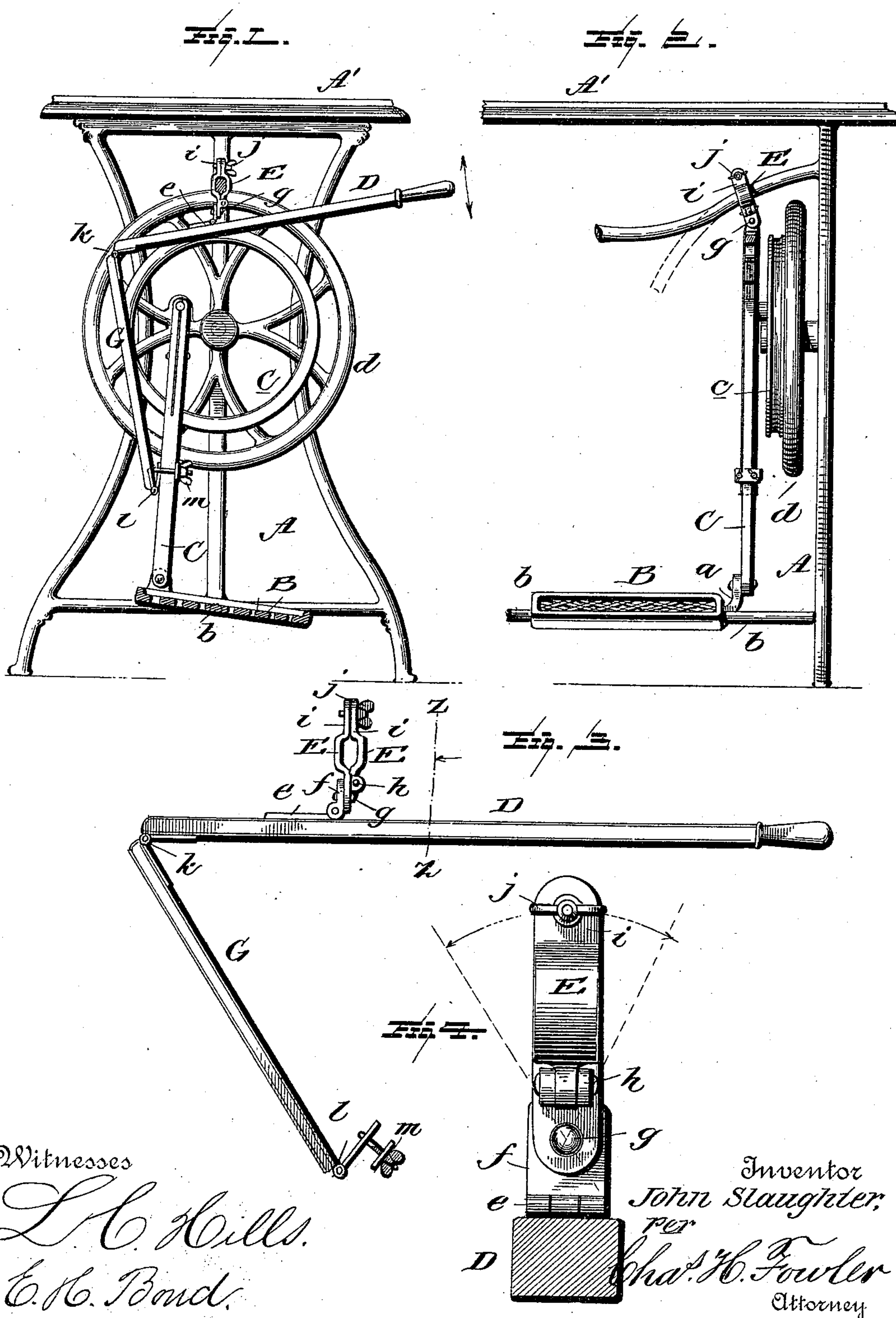


(No Model.)

J. SLAUGHTER.  
HAND ATTACHMENT FOR SEWING MACHINES.

No. 486,358.

Patented Nov. 15, 1892.





# UNITED STATES PATENT OFFICE.

JOHN SLAUGHTER, OF GOLDSBOROUGH, NORTH CAROLINA.

## HAND ATTACHMENT FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 486,358, dated November 15, 1892.

Application filed May 20, 1891. Renewed September 30, 1892. Serial No. 447,435. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN SLAUGHTER, a citizen of the United States, residing at Goldsborough, in the county of Wayne and State of North Carolina, have invented certain new and useful Improvements in Hand Attachments for Sewing-Machines; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters of reference marked thereon.

This invention relates to certain new and useful improvements in hand-power attachments for sewing-machines; and it has for its objects, among others, to provide a simple and cheap attachment which can be readily applied to the legs or brace or framework of a machine and which is operated simply by a natural movement of the arm in working up and down with the lever. I provide a clamp which may be attached to the leg, brace, or any other part of the machine, it being provided with a swivel connection for this purpose. To this clamp is hinged the operating-lever, to the end of which is hinged a short lever, which in turn is connected with the pitman of the machine. The device can be easily and quickly applied or removed and requires but little power to operate.

Other objects and advantages of the invention will hereinafter appear, and the novel features thereof will be specifically defined by the appended claim.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a transverse sectional elevation of a sewing-machine stand provided with my improvements. Fig. 2 is a partly-broken front view of the same. Fig. 3 is an edge view of the attachment removed. Fig. 4 is a cross-section through the operating-lever, with the clamp in front elevation, the section being taken on the line Z Z of Fig. 3, looking in the direction of the arrow on the said figure.

Like letters of reference indicate like parts

throughout the several views in which they occur.

Referring now to the details of the drawings by letter, A designates the frame of a sewing-machine stand, and A' its top or table, which may be of any of the well-known forms of construction.

B is a treadle fitted to rock upon a cross-bar *b* and at one rear corner formed with a lug *a*, to which is connected the pitman C, connected with the pulley *c* with its attached fly-wheel *d*, by which motion is imparted to the machine on working the treadle by the foot.

D is the lever through which the machine may be worked by hand. It is provided with a suitable handle and is supported in position in the following manner: To the upper face of the lever between its ends is secured one half of a hinge *e*, to the other half *f* of which is connected the clamp by means of a set-screw or analogous provision *g* in such a manner that the clamp can be turned thereon, as shown in Fig. 4, to accommodate the clamp to the brace or leg of the frame. This clamp E consists of two substantially-like parts pivotally connected together, as at *h*, and the opposite ends formed with ears or lugs *i*, through which passes the thumb-screw *j*, as seen best in Figs. 3 and 4. This clamp is designed to embrace the leg, brace, or some other part of the framework, as seen, for example, in Figs. 1 and 2.

To the rear end of the lever D is hinged by a hinge or other analogous provision *k* a short lever G, the lower end of which is provided with a hinge *l*, one-half of which is free and is provided with a clamp and thumb-screw *m*, by which it may be detachably connected with the pitman, as seen in Fig. 1.

The operation is similar to that of other devices of this character, and as the novelty resides in the peculiar construction and combination of parts, not in the mode of operation, a description thereof is not deemed necessary.

What I claim as new is—

A hand-power attachment for sewing-machines, consisting of an operating-lever, a hinge thereon between its ends, a two-part

pivoted clamp connected to one part of the  
said hinge by a swivel connection, a short  
lever hinged to the rear end of the operat-  
ing-lever, and a hinge at the lower end of the  
5 short lever and provided with an adjustable  
clamp, substantially as shown and described.  
In testimony that I claim the above I have

hereunto subscribed my name in the presence  
of two witnesses.

JOHN SLAUGHTER.

Witnesses:

J. E. PETERSON,  
E. W. COX.