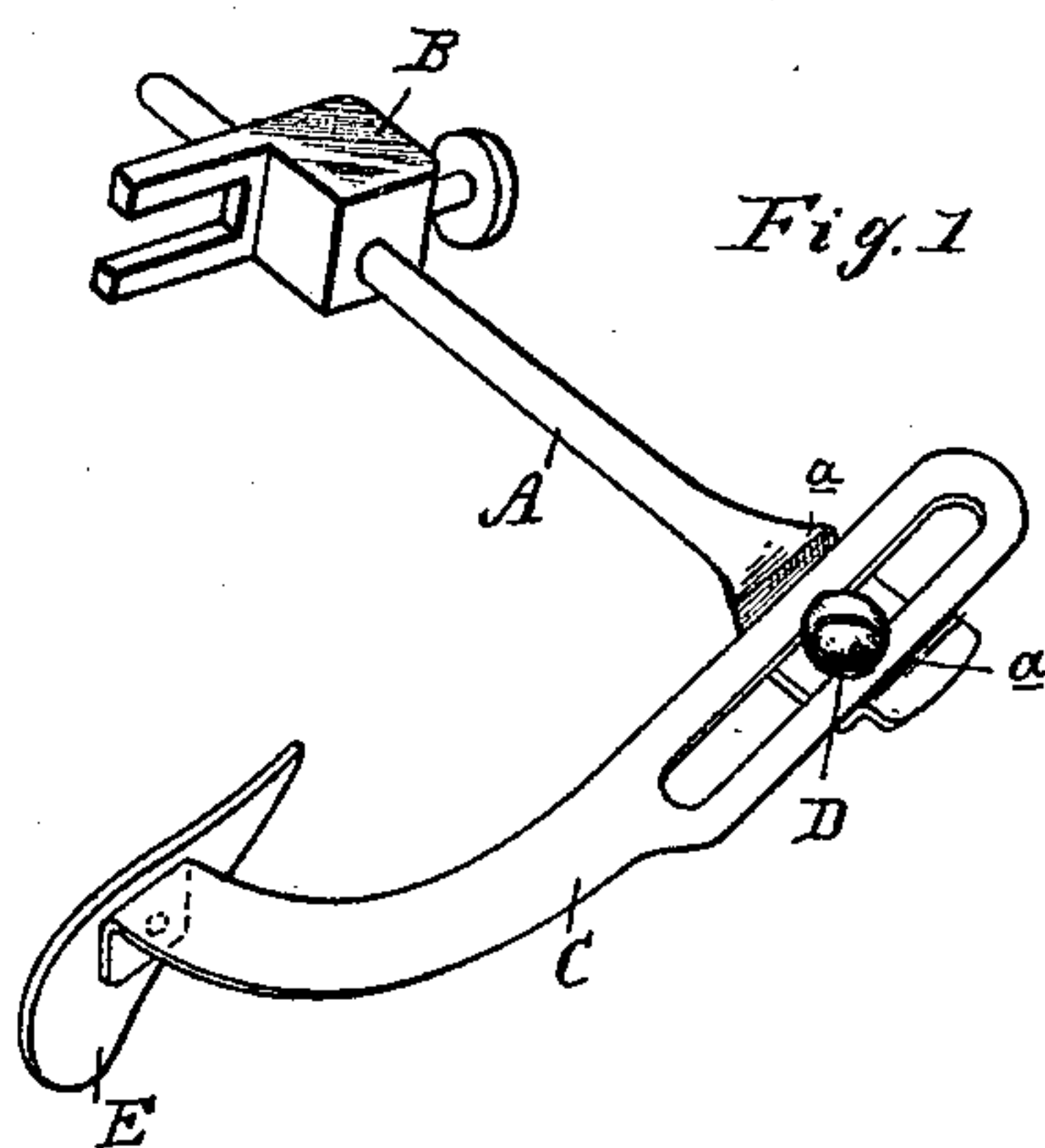
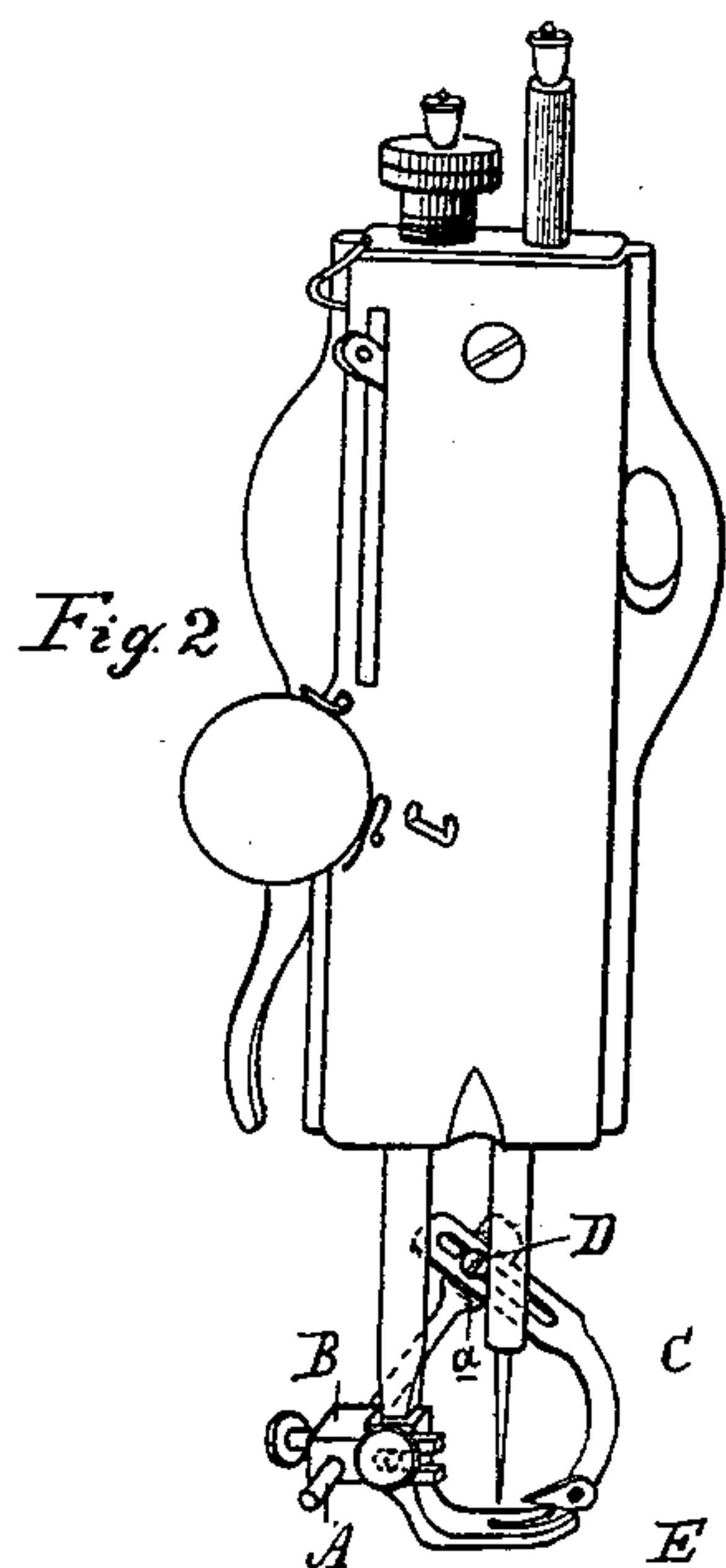


(No Model.)

W. C. MEIER.
SEWING MACHINE GUIDE.

No. 371,613.

Patented Oct. 18, 1887.



Attest:
John Schuman.
[Signature]

Inventor:
William C. Meier.
by his atty
[Signature]

UNITED STATES PATENT OFFICE.

WILLIAM C. MEIER, OF DETROIT, MICHIGAN.

SEWING-MACHINE GUIDE.

SPECIFICATION forming part of Letters Patent No. 371,613, dated October 18, 1887.

Application filed March 10, 1887. Serial No. 230,333 (No model.)

To all whom it may concern:

Be it known that I, WILLIAM C. MEIER, of Detroit, in the county of Wayne and State of Michigan, have invented new and useful Improvements in Sewing-Machine Guides; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form a part of this specification.

10 This invention relates to certain new and useful improvements in guides for sewing-machines.

The object of the invention is to provide a guide for sewing-machines that can readily be 15 adjusted upon the presser-bar, and that will be actuated thereby in vertical adjustment as it is lowered upon or raised from the material being operated upon, thus leaving the bed of the table free from all obstructions when it becomes necessary to turn the cloth.

The device shown and hereinafter described is especially designed for "straight-line work," such as forming "strap-lap seams" in tailoring.

25 The invention consists, therefore, in the peculiar construction of the guide and the means providing for its adjustment, all as more fully hereinafter described.

Figure 1 is a perspective view of my improved device detached. Fig. 2 is a similar 30 view with the device adjusted and ready for operation.

In the accompanying drawings, which form a part of this specification, A represents a laterally-adjustable arm designed to be adjustably secured to the presser-bar of a sewing-machine by any suitable clamping device, B. One 35 end of this arm A is flattened and provided with the guide-shoulders *a*, between which the upper end of the arm C, which is slotted, as shown, passes, and is secured in place by a proper nut, D. The lower end of this arm C is curved, as shown, and has pivotally secured to such curved end a shoe, E, substantially of

the form shown, and is so hung upon the arm C that as the latter is raised from the work the 45 point of the shoe will tip upwardly, and thus prevent its catching into the cloth as it is again lowered; and I attach importance to the fact that the shoe is so pivoted that the preponderance of weight is at the heel, so that the toe 50 will be automatically tipped up to keep the same from being caught in the material being worked.

It will readily be seen that by the use of a device of this kind, particularly in forming so-called "strap-lap seams," the shoe can be ad- 55 justed in close proximity to the edge of the "strap" and the needle of the machine, and a seam can be formed close to the edge of the strap, the shoe passing along the edge of the strap. 60 At the completion of a seam the presser-foot is raised, and also the guide. This leaves the table of the machine free for the adjustment of the work to the next seam, after which the guide device is laterally adjusted, so as to form 65 a seam in the work under consideration parallel to that first formed.

What I claim as my invention is—

1. The combination, with the arm A, provided with adjustable clamp B, of the arm C, 70 adjustably connected with one end of said arm and curved at its lower end, and the shoe E, pivoted to said curved end and weighted at the heel, substantially as and for the purpose specified.

2. The combination, with the arm A, formed with shoulders *a* at one end and provided at the other end with a clamp, B, of the arm C, 75 slotted at one end, passed between said shoulders, the nut D, and the shoe pivoted to the free end of the arm C, substantially as shown and described.

WILLIAM C. MEIER.

Witnesses:

H. S. SPRAGUE,
HENRY J. MEIER.