

(No Model.)

G. PATEK.

GUIDE FOR SEWING MACHINES.

No. 271,354.

Patented Jan. 30, 1883.

Fig. 1.

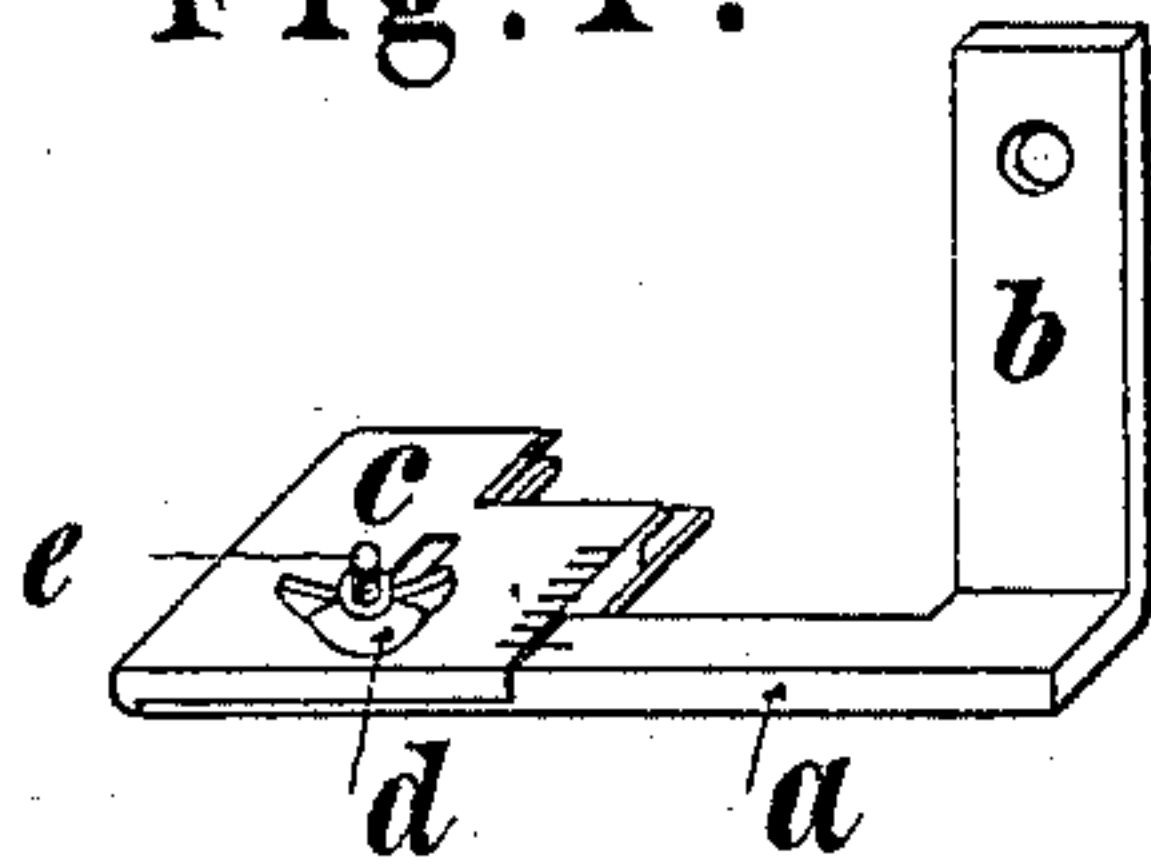


Fig. 2.

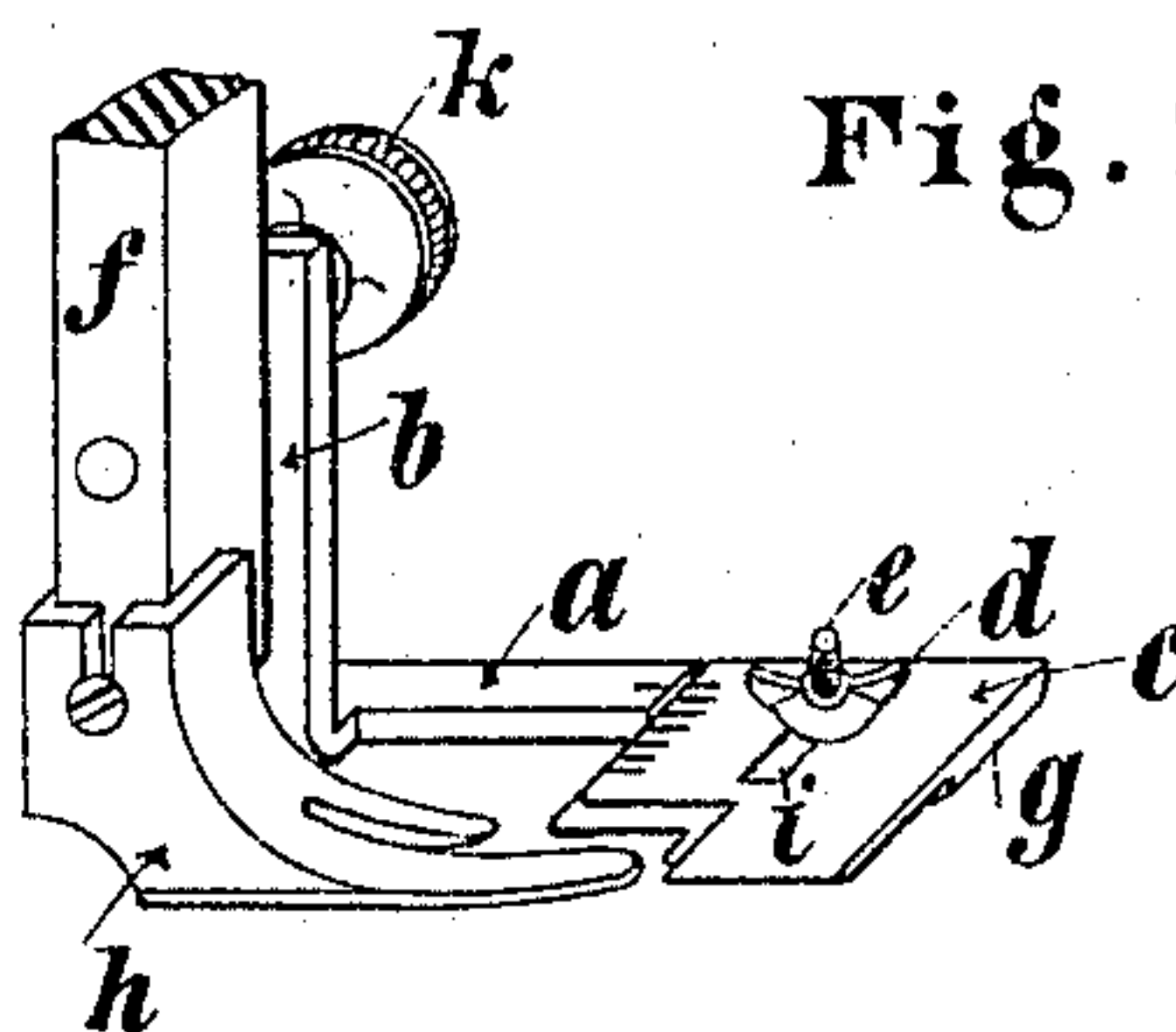


Fig. 3.

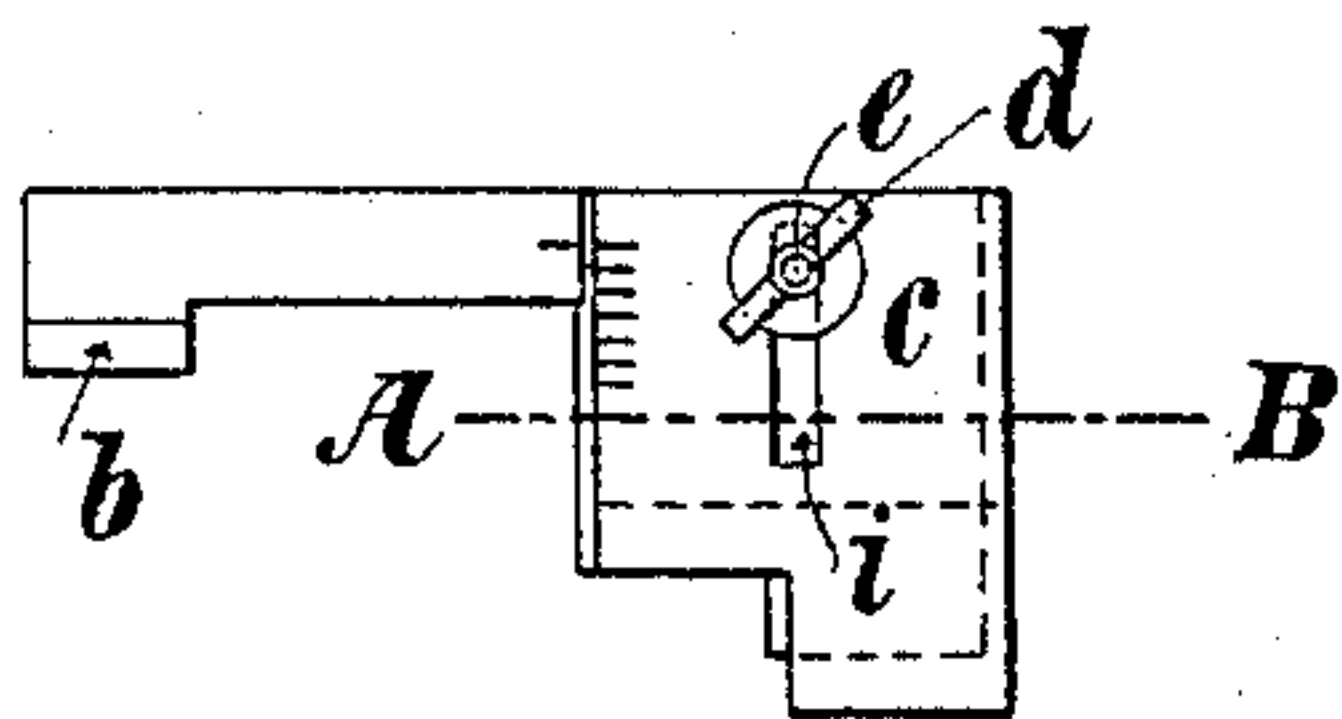


Fig. 5.

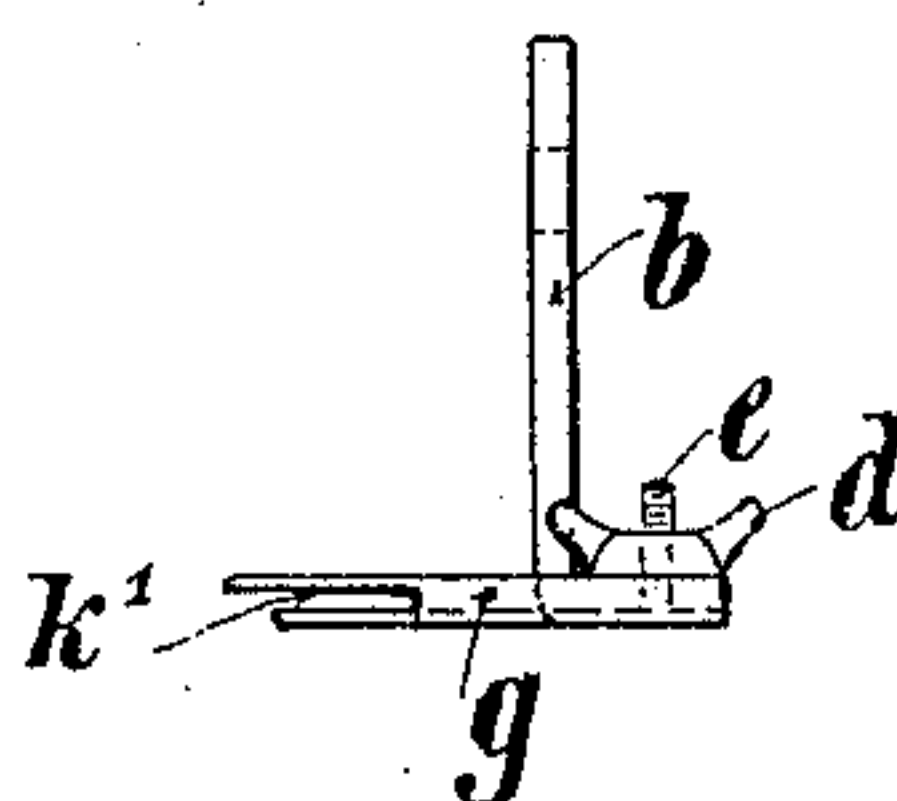


Fig. 4.

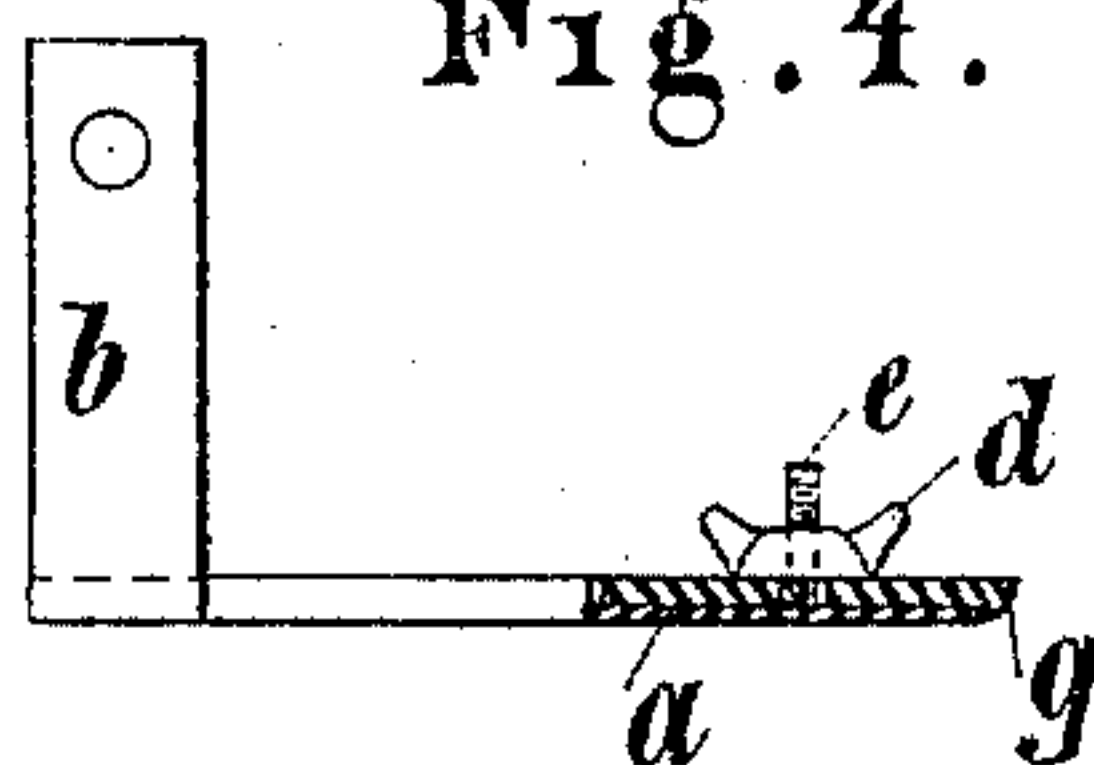
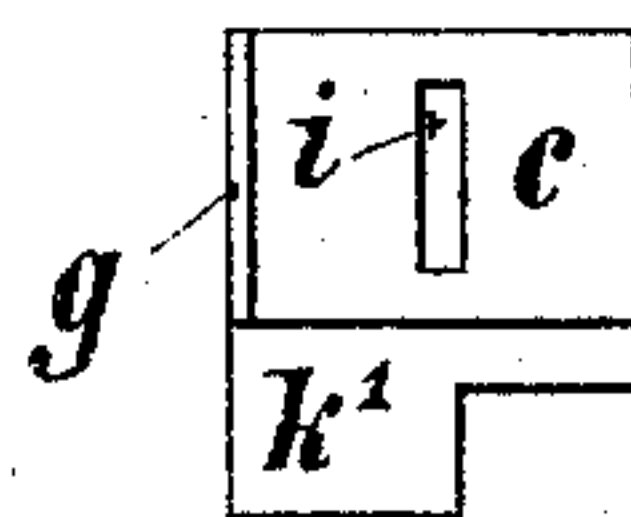


Fig. 6.



Witnesses.

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# UNITED STATES PATENT OFFICE.

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## GUIDE FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 271,354, dated January 30, 1883.

Application filed September 13, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, GUSTAV PATEK, a subject of the Emperor of Austria, and a resident of Eichwald, near Teplitz, in the Empire of Austria, have invented a new and useful Adjustable Ribbon-Guide for Sewing-Machines, of which the following is a specification.

My invention relates to ribbon-guides which are attached to the presser-rod of the sewing-machine; and the object of my invention is to afford facility for the proper adjustment of the guide in respect to the varying breadth of the ribbons to be sewed on the fabric. I attain this object by the device illustrated in the accompanying drawings, in which—

Figure 1 is a view in perspective of the entire ribbon-guide. Fig. 2 is a view in perspective of the ribbon-guide attached to the presser-rod of a "Singer" sewing-machine. Fig. 3 is a top view of the ribbon-guide. Fig. 4 is a section on the line A B, Fig. 3. Fig. 5 is an end view of the ribbon-guide, and Fig. 6 shows a detail.

Similar letters refer to similar parts throughout the several views.

The plate *a*, shaped correspondingly to the outline of the presser-foot *h*, is attached by means of the upright arm *b* to the presser-rod *f* of the sewing-machine. The arm *b* is secured to the presser-bar *f* by attachment-screw *k*. The upper or adjusting plate, *c*, slides in an angular recess of *a*, and is guided on *a* by means of the slot *i*, sliding over the threaded pin *e*, and the overhanging ledge *g*, bearing upon the edge of *a*. The angular recess *k'* of the plate *c* serves for guiding the ribbon, and the plate *c* may, after loosening the winged screw *d*, be adjusted transversely, as required for the breadth of the ribbon. The plate *c* is secured in this position by the winged screw *d*.

This sewing-machine attachment may also be used as a welt-guide or seam-gage, and is especially suited for stitching even the narrow-

est seams or ribbons, &c., with the greatest accuracy.

The operation of this device is as follows: The ribbon, as fed along under the presser-foot *h*, is guided by groove *k'* in the edge of plate *c*. When a ribbon of greater width is to be introduced it becomes necessary to move the guide-plate laterally away from the presser-foot. To effect this I loosen the nut *d*, slip the plate *c* a sufficient distance in the required direction, and then tighten the nut again. When a narrower ribbon is to be sewed the operation is reversed. I am thus enabled to insure the sewing of the seam in the right place, whatever the width of the ribbon. The slotted plate *c* is accurately guided by the pin *e*, which rises through transverse slot *i*, as well as by overhanging ledge or lip *g*, which extends down beyond the end of plate *a*, and by the shoulder formed in the latter plate by the recess which receives it.

I am aware that prior to my invention adjustable ribbon-guides for sewing-machines have been made. I therefore do not claim such a combination, broadly; but

What I do claim as my invention, and desire to secure by Letters Patent, is—

1. The combination, in an adjustable ribbon-guide, of a recessed bottom plate, *a*, with the transversely-sliding plate *c*, with recess *k'* for guiding the ribbon, slot *i*, sliding over threaded pin *e*, and the ledge *g*, bearing upon the edge of *a*, all substantially as set forth.

2. The combination of the bottom plate, *a*, with upright arm *b*, attachment-screw *k*, presser-rod *f*, and the transversely-adjustable sliding plate *c*, shaped correspondingly to the outline of the presser-foot *h*, all as described, and for the purpose set forth.

GUSTAV PATEK.

Witnesses:

FRANCIS POSSAWKE,  
ARTHUR GERSONG.