No. 721,590.

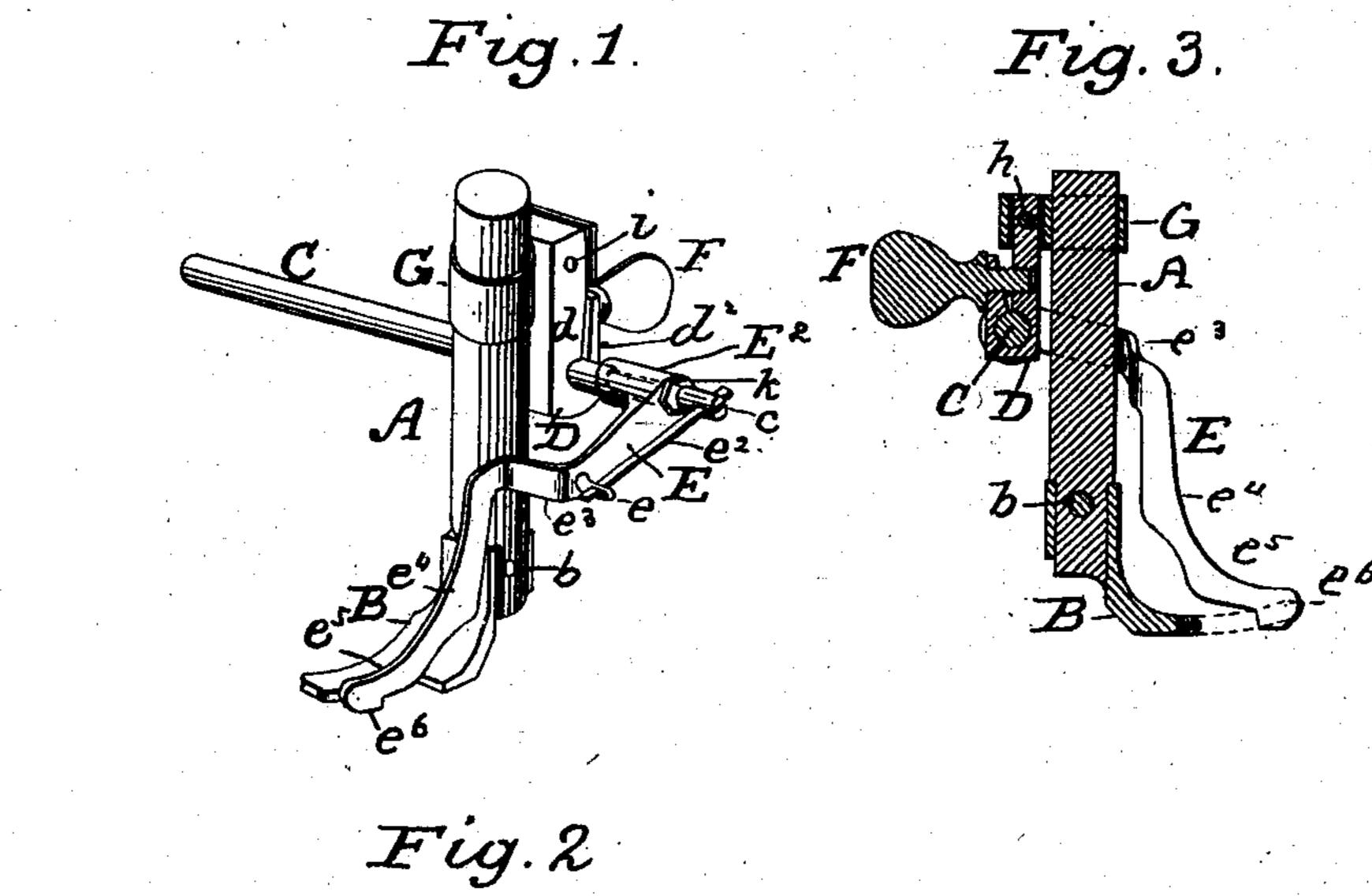
PATENTED FEB. 24, 1903.

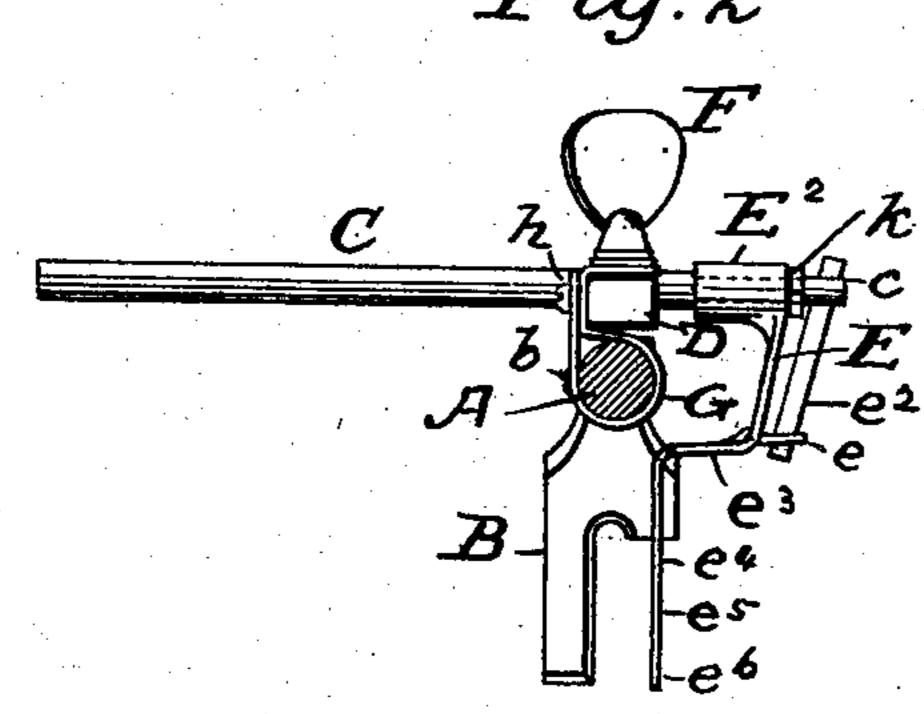
A. MERKEL, L. B. SANDERS & M. HELLMANN.

SEWING MACHINE GUIDE.

APPLICATION FILED MAY 29, 1902.

NO MODEL.





diventors

Witnesses

R. F. Storm I. J. Masson August Merkel,

Lina B. Sanders,
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by E.E. Masson, attorney

United States Patent Office.

AUGUST MERKEL, LINA B. SANDERS, AND META HELLMANN, OF CHICAGO, ILLINOIS; SAID MERKEL ASSIGNOR TO OLIVE DRUIDING, OF COOK COUNTY, ILLINOIS.

SEWING-MACHINE GUIDE.

SPECIFICATION forming part of Letters Patent No. 721,590, dated February 24, 1903.

Application filed May 29, 1902. Serial No. 109,537. (No model.)

To all whom it may concern:

Be it known that we, AUGUST MERKEL, a citizen of Prussia, Germany, and Lina B. SANDERS and META HELLMANN, both citizens 5 of the United States, and all residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Sewing-Machine Guides, of which the following is a specification.

The object of this invention is to provide a sewing-machine guide having a certain amount of resilience and adapted to be readily secured in operating position or removed from the machine, a spring-clip being used 15 controlled by a screw and said clip carried by an adjustable sleeve having a lateral extension, as shown in the accompanying drawings, in which—

Figure 1 is a perspective view of the guide | 20 and its fastenings constructed in accordance with our invention, and secured to the stem of the presser-foot of a sewing-machine. Fig. 2 is a top view of the same. Fig. 3 is a vertical section of the same through the center

25 of the presser-foot stem.

In said drawings, A represents the stem of a presser-foot, having the presser-foot B secured to its lower end by means of a screw b. The sewing-machine guide consists in part 30 of a rod C, retained in a horizontal position by a clamp or spring-clip D. On one end of the rod C is loosely mounted the tubular boss or sleeve E² of the cloth creaser or marker E between a shoulder on said rod C and a 35 nut k upon said rod. The horizontal upper portion of the body of the marker E is rigidly secured to or is made integral with the sleeve E² and is extended substantially parallel with the presser-foot B. The body of the 40 marker is thence bent laterally at e³ to permit it to be extended downwardly at e^4 in front of the presser-foot, and thence substantially horizontally at e^5 at a distance in front of the presser-foot, where it terminates into 45 a pendent cloth-marker e⁶, having flattened sides and a blunt knife-edge, which is thus adapted to rest on the cloth operated upon, with the pressure caused by a flat spring e^2 , one end of which is inserted in a slit c, made diametrically through and lengthwise of the 50 end of the rod C. The opposite end of the spring e^2 is received in a slitted lug or a looped wire e, secured to or projecting from the side

of the body E of the marker.

The spring-clip D consists of a rectangular 55 piece of spring metal, as steel, slotted substantially vertically a portion of its length to obtain two upwardly-extended branches dand d^2 , with a larger perforation in the bottom of the slot for the passage of the rod C, in 60 which it is adjustably clamped by means of a thumb-screw F. Said screw passes freely through a perforation in the branch d^2 and has its screw-threaded portion in engagement with the branch d of the clip. To retain said 65 clip adjustably secured at a suitable height upon the stem A, one end of a metal strap G is made to inclose three sides of the upper portion of the branch d, and said strap is made to constitute a sleeve and encircle the 70 stem A, and its other end is brought toward the end first described, and both portions of said strap are secured to the clip D by means of a screw h passing through them, the thread of the screw being in engagement with a hori-75 zontal hole i in the clip.

Having now fully described our invention,

we claim—

1. In a sewing-machine guide, the combination of a metal strap having its middle 80 portion bent to constitute a sleeve and its ends bent laterally to partly inclose a clip, a cloth-marker having the rod C passing through the clip, said clip consisting of a rectangular body vertically slotted constituting 85 two branches, a thumb-screw passing through one of said branches and in engagement with the other, and a clip-retaining screw passing through the ends of the metal strap and in engagement with the clip, substantially as 90 described.

2. In a sewing-machine guide, the combination of a clip-fastener consisting of a metal strap having its middle portion bent to constitute a sleeve and its ends bent laterally to 95 partly inclose a clip, said clip consisting of a body vertically slotted, and a thumb-screw passing therethrough, with a cloth-marker

consisting of a rod C passing through the slot of the clip and having a slotted end, a tubular boss mounted loosely upon the rod C and the body of the marker rigidly secured to said boss and extended forwardly, and also laterally and downwardly, and a flat spring having one end in the slotted end of the rod C and the opposite end secured to the body of the marker substantially as described.

In testimony whereof we affix our signa- rotures in presence of two witnesses.

AUGUST MERKEL. LINA B. SANDERS. META HELLMANN.

Witnesses:

W. B. CANTRELL, KARL EPSTEIN.