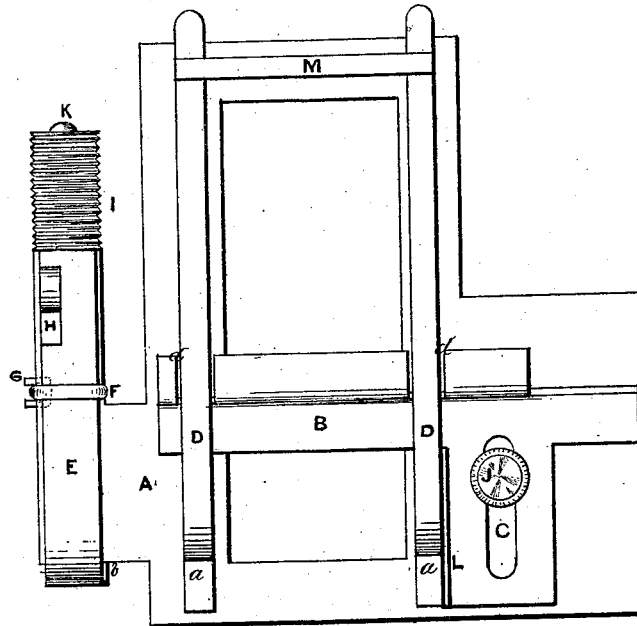


ROGERS & SPERRY.
Sewing-Machine Guide.

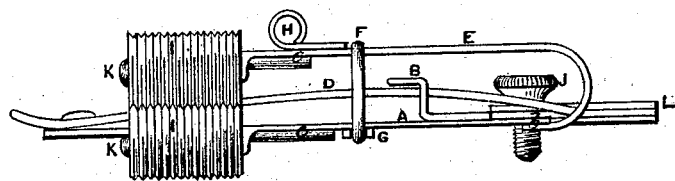
No. 109,668.

Patented Nov. 29, 1870.

Fig; 1.



Fig; 2.



Witnesses.
as to Simeon Rogers
Frank R. Ricketts
Horace D. Cook
W. Hammond

Inventors.
Simeon Rogers
E. B. Sperry

UNITED STATES PATENT OFFICE.

SIMEON ROGERS AND EDWIN K. SPERRY, OF FLEMING, NEW YORK.

IMPROVEMENT IN CLOTH-GUIDING ATTACHMENTS FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. **109,668**, dated November 29, 1870; antedated November 26, 1870.

To all whom it may concern:

Be it known that we, SIMEON ROGERS and EDWIN K. SPERRY, both of the town of Fleming, in the county of Cayuga and State of New York, have invented a new and useful Baster Attachment for Sewing-Machines, of which the following is a specification.

The nature of our invention consists in providing sewing-machines with an attachment, constructed as hereinafter described, whereby the seams, plaits, or basting of fabrics may be sewed of a uniform width, and which desired width may be regulated at the pleasure of the operator.

Figure 1 is a plan view of our invention. Fig. 2 is an elevation showing that end of the attachment which is at the left hand of Fig. 1.

We construct our attachment of sheet or other metal. To the plate A we solder or otherwise fasten, at *aa*, the spring-finger guides D D, and connect their opposite ends by the cross-tie piece M. Fastened to the plate A, at *b*, is the semi-curved spring-piece E, at the end of which, and also upon the under side of plate A, we fasten, at *cc*, the small shafts or stud-pieces K K, with their centers in vertical line. Upon the stud-pieces K K we place the plain or corrugated friction guide-rolls I I, they being held in close surface-contact by means of the elastic band F, which is held in place by the stop-piece G. We attach, by means of the set-screw J, to the sewing-machine bed the plate A, and at the same time fasten to the metallic gage B, with its ways

d and upright guide-piece L, through the slot C.

To operate our attachment, after adjusting the face of the gage B to the required width of the seam or plait we wish to sew, and fastening the whole securely to the machine by means of the set-screw J, we then, by lifting the spring E by means of the projection H, introduce between the plain or corrugated friction guide rolls the fabric to be sewed, the rolls being closely held together by means of the elastic band F, while they guide and prevent the fabric from slipping out of place, their consequent rotation affording an easy friction and guide. We now place the fabric under the spring-fingers D D and against the gage B, thence under the needle of the machine, thus enabling the cloth to be guided perfectly straight for a seam or plait of uniform width.

We claim as our invention—

The combination of the curved spring E and the guiding-rollers I I with the plate A, gage B, and spring-guides D, all constructed, arranged, and operating as described.

SIMEON ROGERS.
EDWIN K. SPERRY.

Witnesses as to Simeon Rogers:

FRANK R. RATHBUN,
HORACE T. COOK.

Witnesses as to Edwin K. Sperry:

HORACE T. COOK,
JOHN N. WALLIS.