

J. J. DONAHOE.

CORDERS FOR SEWING-MACHINES.

No. 182,108.

Patented Sept. 12, 1876.

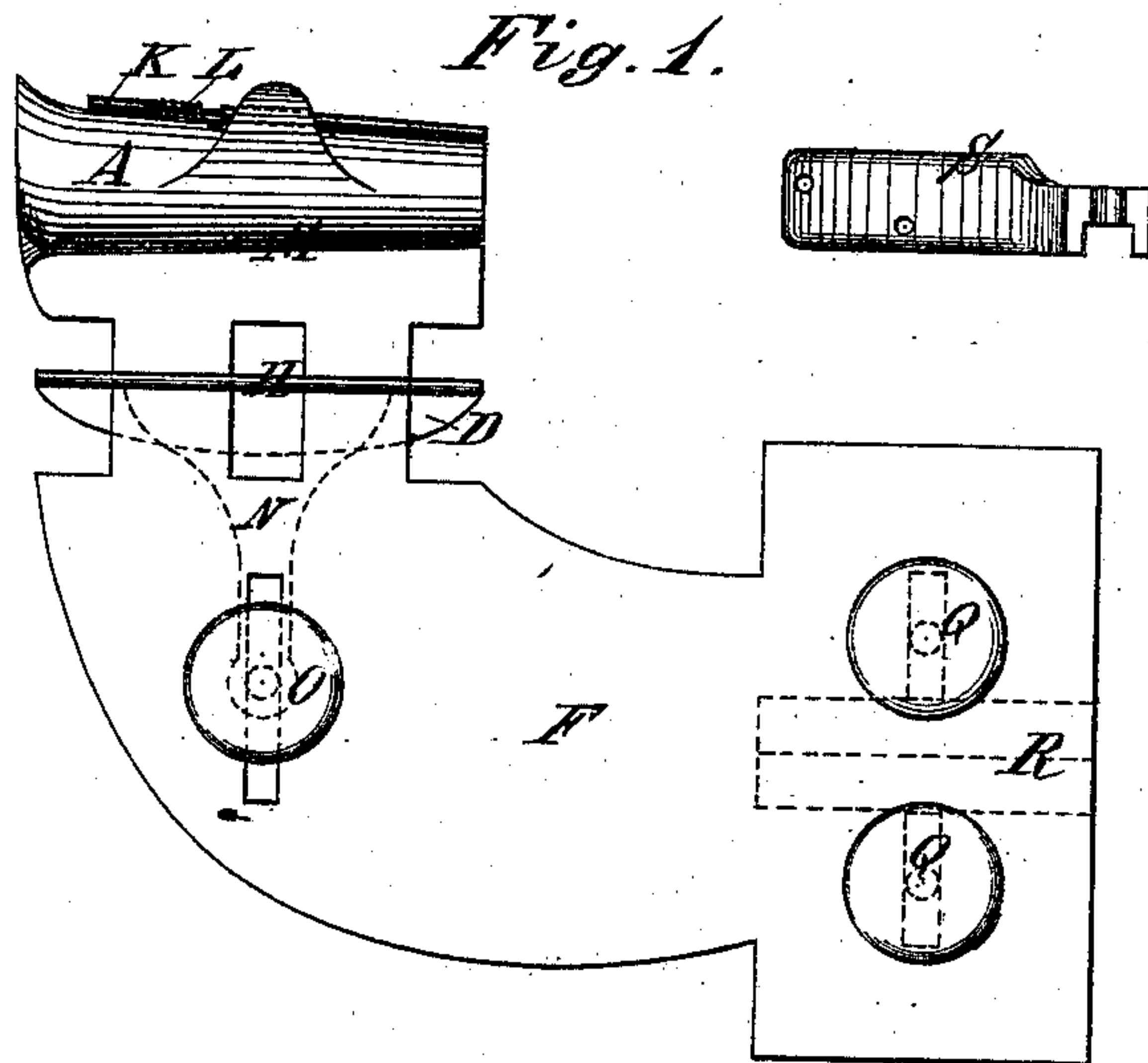
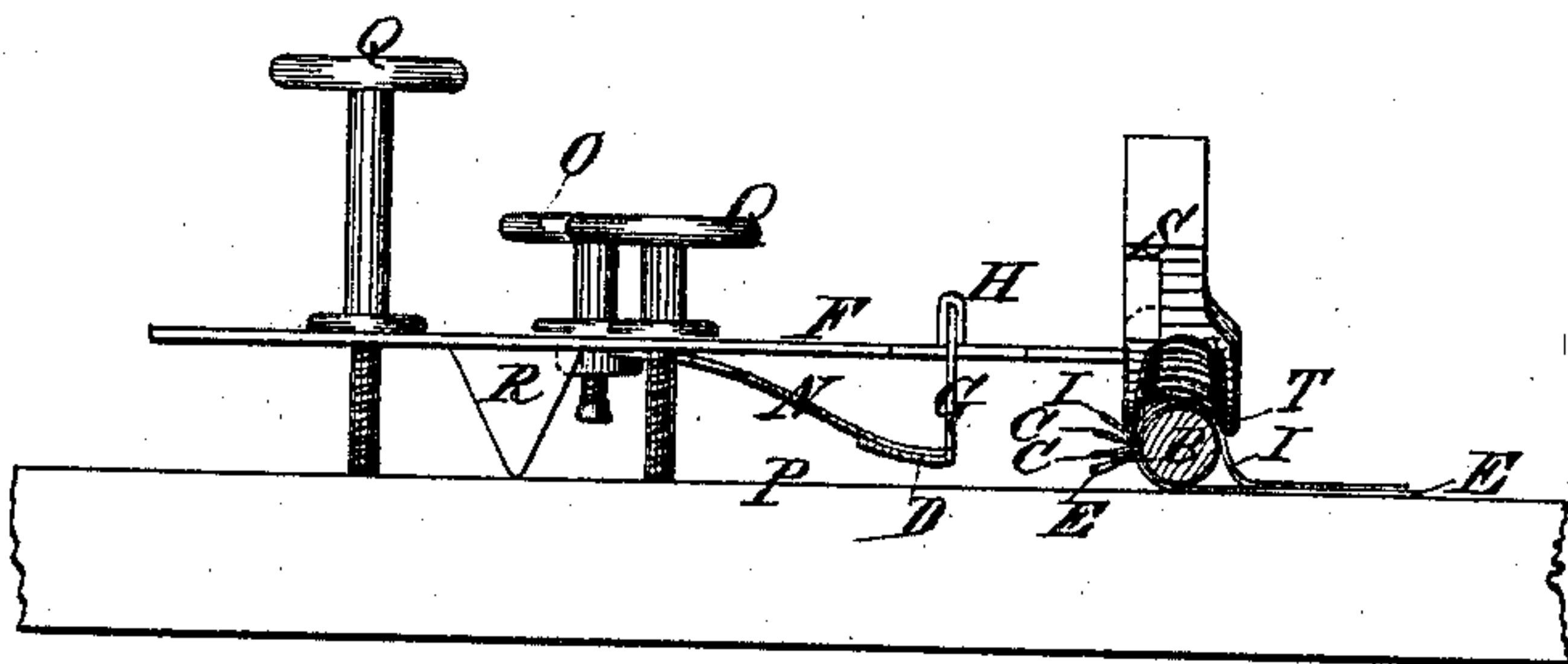


Fig. 2.



WITNESSES:

H. Rydquist.
John Goethals

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UNITED STATES PATENT OFFICE.

JOHN J. DONAHOE, OF NEW ORLEANS, LOUISIANA.

IMPROVEMENT IN CORDERS FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. **182,108**, dated September 12, 1876; application filed July 22, 1876.

To all whom it may concern:

Be it known that I, JOHN J. DONAHOE, of New Orleans, in the parish of Orleans and State of Louisiana, have invented a new and Improved Cording Attachment to Sewing-Machines, of which the following is a specification:

My invention comprises a trumpet-mouthed tubular guide, constructed in two parts, and jointed together for keeping the tube closed, a double spring gage to guide the cloth both above and below the holding-plate of the tube, and a contrivance of the attaching-plate for regulating the height of the cord-guide, all arranged with special reference to the fastening a cord wrapped in a strip of cloth between two pieces of cloth, by sewing the edges of the cord-inclosing strip and the edges of the cloth together at the same time, as hereinafter described.

Figure 1 is a plan view of my improved cording attachment, and Fig. 2 is a rear elevation.

Similar letters of reference indicate corresponding parts.

A is the trumpet shaped guide-tube for the cord B, which is enveloped in the strip of cloth C. D is the double spring-gage for guiding the edge of the lower piece of cloth E below the attaching-plate F by the part G, and the upper piece I above the attaching-plate by the part H. The tube is made in two parts, which are hinged together at K, and there is a spring, L, in the joint to keep the tube closed on the goods along the line M, the joint being to allow the tube to open in case there are seams or other uneven parts in the cloth to pass through. The spring N, by which the gage D is attached to the adjusting-screw O, keeps the gage down on the sewing-machine plate P without reference to the

height of the tube, which is varied according to the size of the cord by the attaching-screws Q and the bearer R, the plate being oscillated or tilted on the latter according as the screws are adjusted. The screws will be fitted in the ordinary holes of the plate of the machine, and be suitably located in the plate F for the particular machine to which the attachment is to be applied. In case the machine to which the attachment is to be applied is not adapted for the two screws and the bearer, a bow-spring bearer may be substituted for the one here shown, with one screw to fasten the plate.

S is the presser to be used with this attachment. It has a groove in the bottom suitable for the cord to pass along under it, while it bears the cloth on the feed-plate by the edge T. The trumpet-shaped and spring-jointed guide-tube A can be made separate from the plate F, and can be attached to the said plate F by screws or a slip-joint, made like a dove-tailed tongue-and-groove joint, or otherwise, as may be desired. This construction allows tubes A of different sizes to be used with the same plate F.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The trumpet-shaped and spring-jointed guide-tube A, spring-guide D, and the attaching-plate F, combined and arranged substantially as specified.

2. The attaching-screws Q, combined with the attaching-plate F, provided with the bearer R, and guide-tube A, substantially as specified.

JOHN J. DONAHOE.

Witnesses:

J. S. BRADLEY,
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