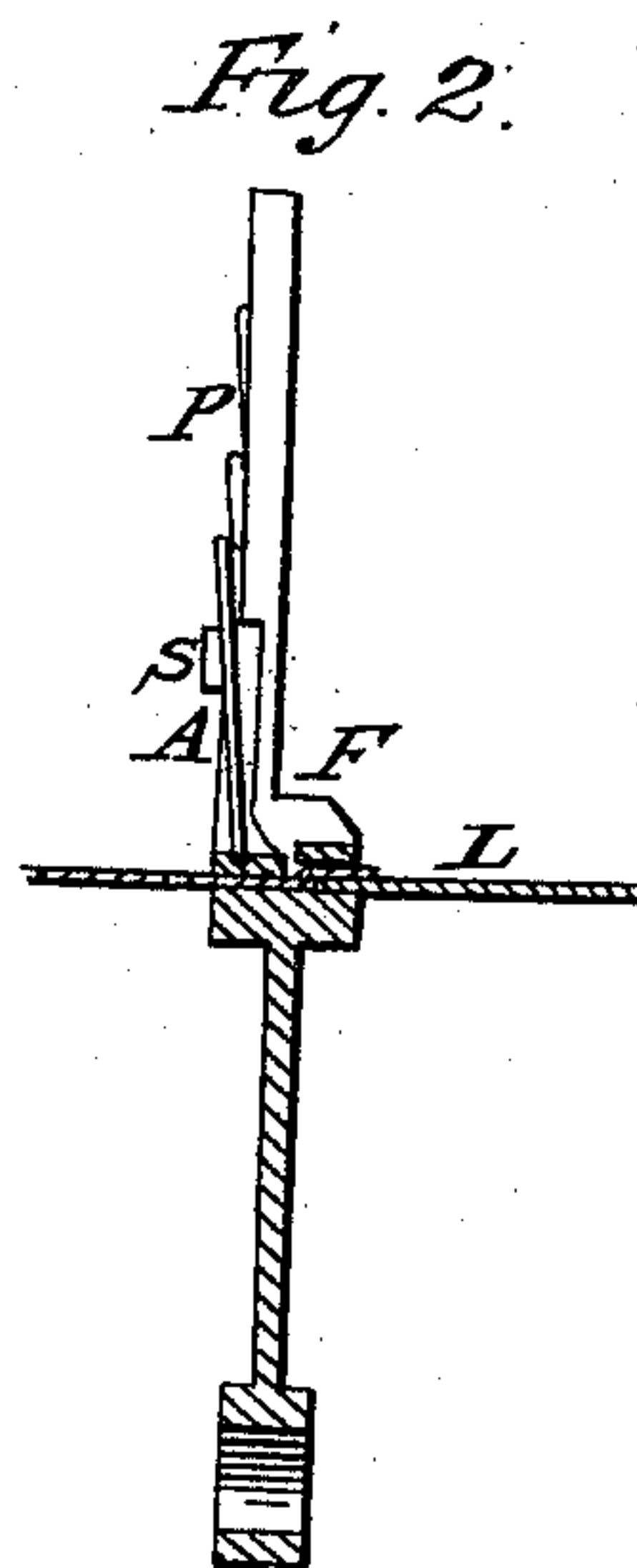
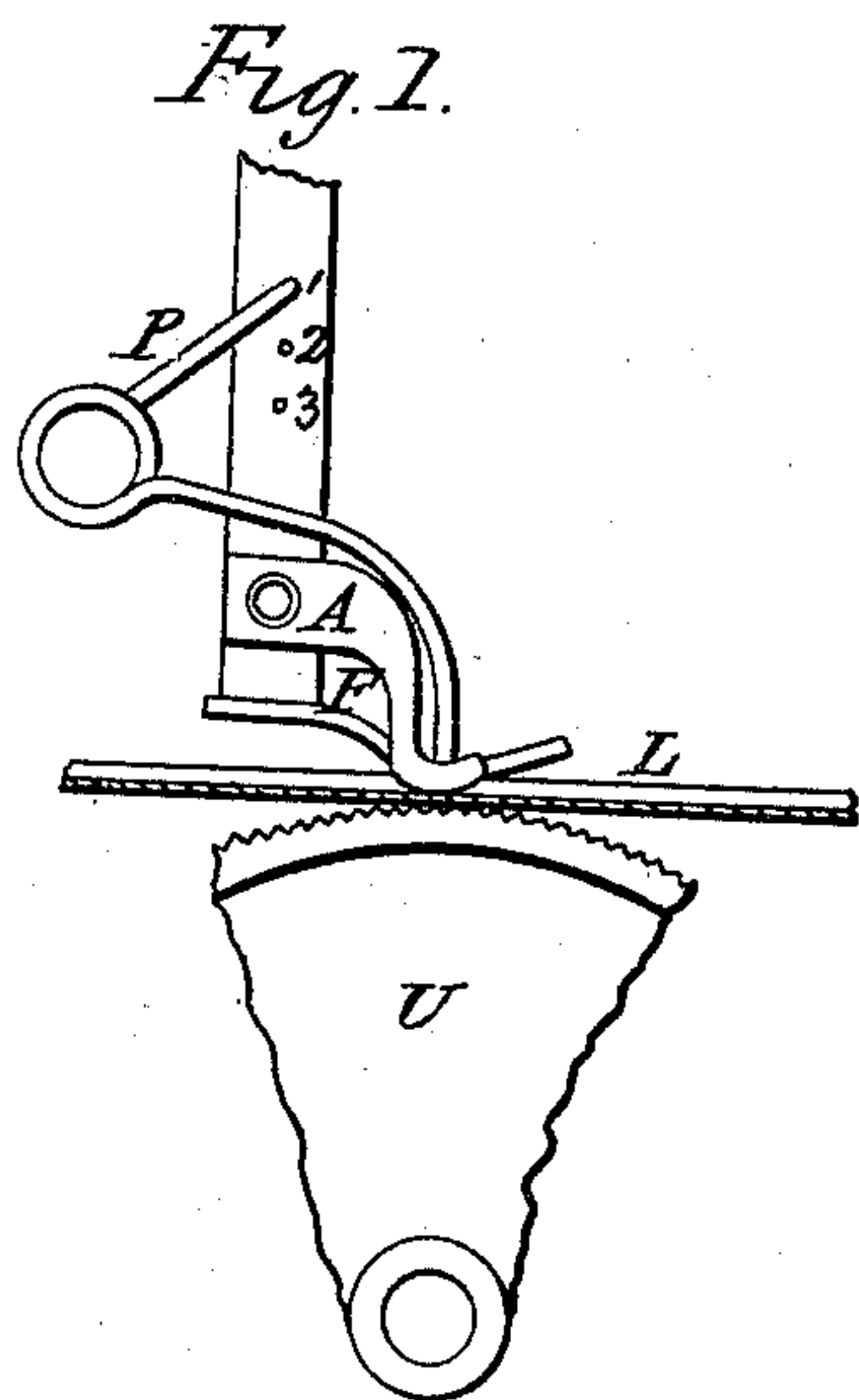


A. J. TEWKSBURY.
Presser Foot of Sewing Machines.

No. 57,010.

Patented Aug. 7, 1866.



Witnesses:
Edmund Kimball
V. Spofford

Inventor:
Andrew J. Tewksbury.

UNITED STATES PATENT OFFICE.

A. J. TEWKSBURY, OF HAVERHILL, MASSACHUSETTS.

IMPROVEMENT IN PRESSER-FEET OF SEWING-MACHINES.

Specification forming part of Letters Patent No. 57,010, dated August 7, 1866.

To all whom it may concern:

Be it known that I, A. J. TEWKSBURY, of Haverhill, county of Essex, and State of Massachusetts, have invented a new and useful Improvement in Pressure-Pads for Sewing-Machines, whereby a considerable saving of stock may be effected; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, forming a part of this specification, in which—

W, Figure 1, represents a front view of a portion of the feed-wheel of a sewing-machine, and F the foot or pressure pad with my device attached thereto, consisting of the arm A, vibrating upon screw S and kept in position by spring P. Fig. 2 is a vertical cross-section through the center of the wheel W, showing the material L to be stitched, consisting of two thicknesses upon the right-hand side of wheel W and only one thickness upon the left-hand side, arm A, operated by spring P, forcing material L down upon the left-hand side, as shown, thus producing a uniform pressure upon the whole width of the feed-wheel, whereas, without my device, material L must be sufficiently increased in width to cover the whole edge or feeding-surface of wheel W

in order that the machine may feed properly; but with my device attached to the ordinary solid pressure-pad this surplus stock may be saved upon each and every article stitched.

Holes 1 2 3, Fig. 1, are for the purpose of changing the tension of spring P to fit stock of various thicknesses.

I do not claim constructing a flexible pressure-pad—that is, a pressure-pad consisting of two or more parts or toes operating independently—this having already been done; but

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

1. The devices hereinbefore described, consisting of arm A, screw S, and spring P, and affixing the same to the ordinary solid pressure-pad for the purpose of changing it into a flexible pressure-pad, and applying the whole in connection with the feed-wheel of a sewing-machine, as and for the purpose set forth.

2. In combination with the above, the holes 1 2 3, whereby the degree of pressure of the spring P upon arm A may be adjusted for different thicknesses of material.

ANDREW J. TEWKSBURY.

Witnesses:

EDMUND KIMBALL,
SUMNER H. BOYNTON.