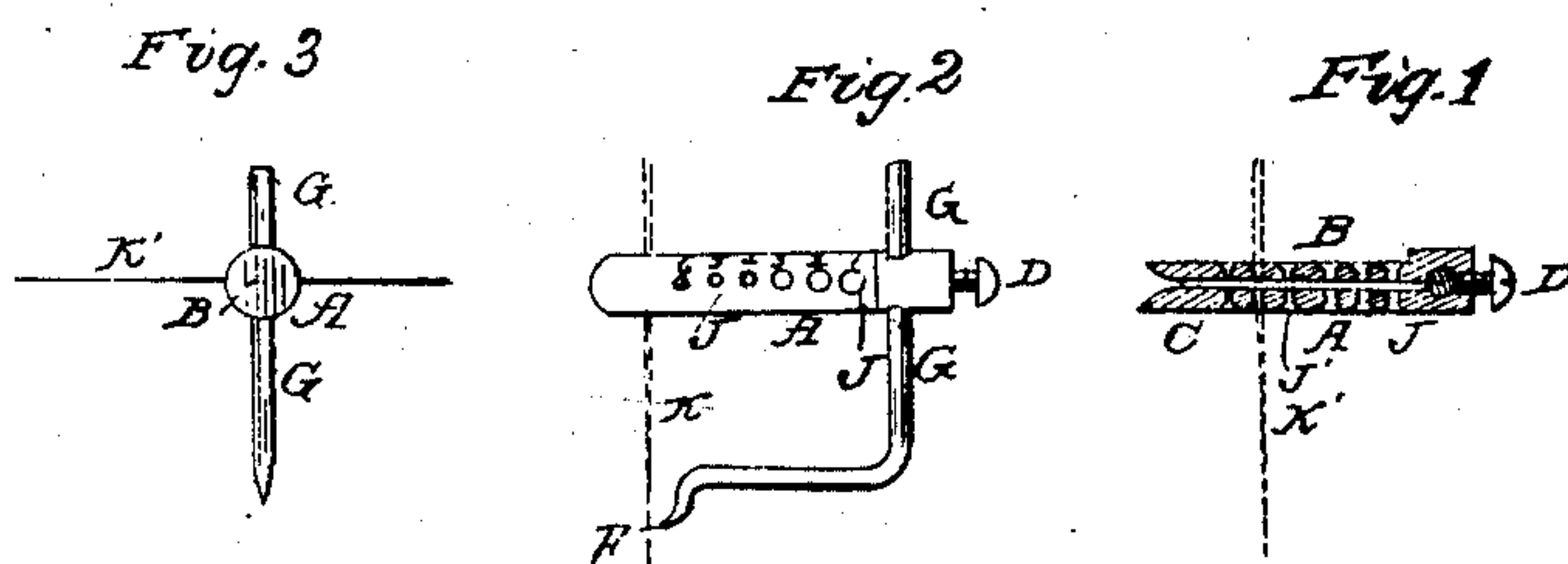


J. W. BARTLETT.

Sewing Machine Needle Gage and Adjuster.

No. 34,807.

Patented April 1, 1862.



Witnesses

Jonas Bartlett
J. Plant

Inventor

J. W. Bartlett

UNITED STATES PATENT OFFICE.

JOSEPH W. BARTLETT, OF NEW YORK, N. Y.

IMPROVEMENT IN NEEDLE GAGES AND ADJUSTERS FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. **34,807**, dated April 1, 1862.

To all whom it may concern:

Be it known that I, JOSEPH W. BARTLETT, of the city, county, and State of New York, have invented a new and useful instrument—a Needle Gage and Adjuster Combined—for the purpose of facilitating the obtaining of correct sizes of needles, and their proper and ready adjustment to sewing-machines, &c.; and I do hereby declare that the following is a full and accurate description of the same, reference being had to the annexed drawings, making a part of this specification, and letters of reference marked thereon.

Figure 1 is a longitudinal section. Fig. 2 is a side elevation. Fig. 3 is an end elevation. A is the bar for holding the needle at the hollow part C by means of the spring B.

D is a set-screw for the purpose of adjusting the bar on the rod G to the length of the needle, the point F being inserted into the eye of the needle.

J J are holes in the bar A, numbered respectively 1 2 3 4 5 6, or numbers adopted by the different makers corresponding with the sizes of the needles.

K', Fig. 1, shows the needle inserted in the gage. That it may be more fully understood,

the correct size of the needle is obtained by inserting it through the hole in the gage to just above the eye from the point, different gages being made to correspond with different makers, sizes, and numbers. Before using the adjuster the needle must be set correctly in the machine. Then apply the adjuster by placing the point of the rod in the eye of the needle, then loosening the set-screw, and sliding the spring-bar to the arm or socket of the machine where the needle enters, when the set-screw on the adjuster is tightened and the gage and adjuster is removed; or the correct distance may be first obtained from the eye of the needle to where the needle enters the arm of the machine, as adopted by the different makers, and the sliding bar permanently fixed upon the rod the distance required for each machine, and be found a correct guide in adjusting all future needles. Therefore

I claim—

A needle gage and adjuster combined, substantially as set forth.

JOSEPH W. BARTLETT.

Witnesses:

JONAS BARTLETT,
F. PLANT.