

(No Model.)

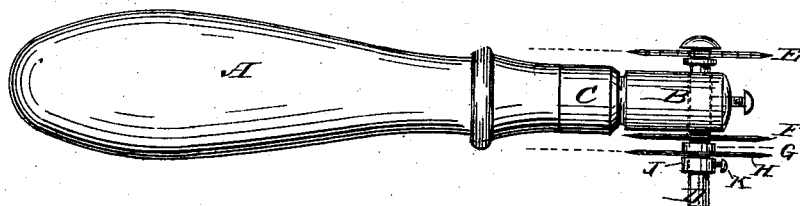
M. E. KELLOGG.

TRACING WHEEL.

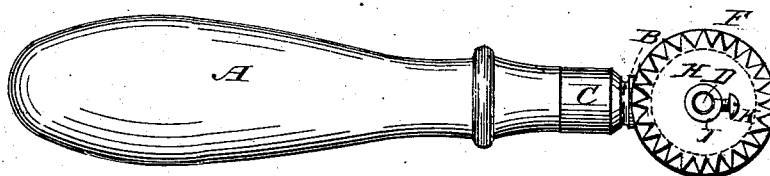
No. 261,359.

Patented July 18, 1882.

*Fig. 1.*



*Fig. 2.*



WITNESSES:

*Francis M. Ankle.*  
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# UNITED STATES PATENT OFFICE.

MARTHA E. KELLOGG, OF FLINT, MICHIGAN.

## TRACING-WHEEL.

SPECIFICATION forming part of Letters Patent No. 261,359, dated July 18, 1882.

Application filed January 12, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, MARTHA E. KELLOGG, of Flint, Genesee county, Michigan, have invented a new and Improved Tracing-Wheel, of which the following is a specification.

The object of my invention is to provide a new and improved adjustable tracing-wheel for puncturing garment-patterns of cloth or paper to give the proper width for basting the seams and cutting the cloth or paper between the two punctured lines.

The invention consists in certain combinations, which will first be described in connection with the drawings and then pointed out in the claims.

In the accompanying drawings, Figure 1 is a plan view of my improved adjustable tracing-wheel, and Fig. 2 is a longitudinal elevation of the same.

Similar letters of reference indicate corresponding parts.

The handle A is provided at the lower end with a metal shank, B, secured thereto by means of a ferrule, C, which shank is provided with a rigid or loose transverse shaft, D. A tracing-wheel, E, with a toothed edge is mounted on one end of the shaft D, and a sharp-edged cutting-disk, F, of the same diameter as the outer diameter of the tracing disk or wheel E, is mounted on the shaft D on the opposite side of the shank, these disks being mounted on the shaft D rigidly or loosely, accordingly as the shaft D is mounted in the shank loosely or rigidly. A washer, G, of greater or less width, is mounted on the shaft outside of the disk F, and a toothed edged tracing-wheel, H, is mounted on the shaft outside of this washer and is held in place by an adjustable collar, J, which is locked on the shaft by means of a binding-screw, K.

In place of the washer G, a spring—for instance, a spiral spring which presses the tracing-wheel H outward—may be used.

The operation is as follows: The instrument is passed over the cloth or paper of which the paper pattern or the garment is to be made in such a manner that the cutting-disk F follows the line at which the cloth or paper is to be cut. The cutting-disk F cuts the cloth or paper, and the disks E E puncture a line at each side of the edges of the cloth or paper, and thus mark the lines for basting the seams, which punctured lines are always parallel with the cut in the cloth. If both the punctured lines are to be the same distance from the cutting-disk, the washer G is to be of corresponding width. If only one line is to be punctured, one of the toothed disks is removed.

If desired, the knife or cutting-disk can be removed and the two adjustable tracing-disks used only for marking cloth or paper to give a uniform width to a seam or welt.

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

1. In a tracing-instrument, the combination, with the shaft D on the end of a handle, A, of the toothed disks E and H and the cutting-disk F, substantially as herein shown and described, and for the purpose set forth.

2. In a tracing-instrument, the combination, with the shaft D on the end of a handle, A, of the toothed disks E and H, the cutting-disk F, the washer G, and the collar J, and the screw K, substantially as herein shown and described, and for the purpose set forth.

MARTHA E. KELLOGG.

Witnesses:

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EDWIN HOYT, Jr.