

(No Model.)

E. C. GEFOERT.
TRACING WHEEL.

No. 351,027.

Patented Oct. 19, 1886.

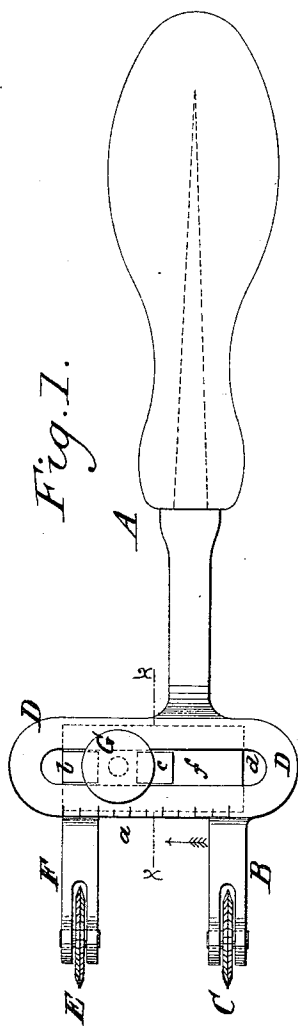


Fig. 3.

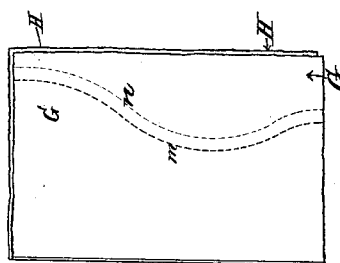
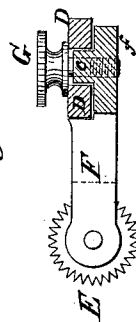


Fig. 2.



Witnesses:
A. Wahlberg
M. Grossman

Inventor:
E. C. Gefoert
By *A. W. Almqvist*

Attorney.

UNITED STATES PATENT OFFICE.

ELISABETH C. GEVERT, OF BROOKLYN, NEW YORK.

TRACING-WHEEL.

SPECIFICATION forming part of Letters Patent No. 351,027, dated October 19, 1886.

Application filed May 5, 1885. Serial No. 164,493. (No model.)

To all whom it may concern:

Be it known that I, ELISABETH C. GEVERT, a citizen of Sweden, and a resident of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Tracing-Wheels, of which the following is a specification.

My invention relates to the implement known as a "tracing-wheel," or such as is used by dress-makers to trace and mark, by indentations through the cloth, the outline of a pattern, for the purpose of reproducing the same upon a cloth underneath, so as to get two edges of the pattern—as, for instance, of a lining—alike.

My present invention consists in the construction hereinafter described, and specifically pointed out in the claim, of a tracing-tool provided with a second or auxiliary tracing-wheel parallel with and adjustable as to its distance from the other wheel, and the purpose of which is to enable the operator to mark, simultaneously with the outline of the pattern, the desired width of the seam, thus obviating the care and trouble heretofore necessary to make the width even when clipping or trimming it off.

In the accompanying drawings, Figure 1 presents a plan or face view of my improved tracing-tool. Fig. 2 is a cross-section of the same, taken on the line *xx* of Fig. 1, and seen in the direction of the arrow. Fig. 3 shows a plan view of two pieces of lining, or one piece doubled up, and illustrating in dotted lines the effect of the operation by marking at the same time the line of the pattern and that of the seam.

A is the handle, and B the forked arm, in which is pivoted the wheel C. These parts are the same as usual, with the exception that in the tool with but one wheel C is in axial line with the handle, whereas in the present construction it is offset toward one side, so as to get the handle between the two wheels and thereby more conveniently exert pressure upon both simultaneously.

Between the handle and arm A B, I arrange transversely or at right angles a fixed guide-

plate, D, provided longitudinally with a central slot, *d*.

E is the auxiliary tracing-wheel, in all respects similar to the wheel C, and pivoted in a similar arm, F. The arm F is, however, provided at right angles with a lateral extension, *f*, having upon its surface one or more blocks or projections, *b c*, which fit snugly to slide in the slot *d*, and thus keep the wheel E always parallel with the wheel C. By a flanged thumb-screw, G, threaded with its shank through the lateral extension *d*, the latter is clamped to the guide-plate D, to retain the wheel E in the adjusted position.

The distance between the wheels, and consequently the width of the seam, is indicated by a scale, *a*, in inches and fractions thereof, which is marked upon the edge of the fixed part D, opposite to the wheels, as shown in Fig. 1.

The operation of the tool is understood at a glance with reference to Fig. 3. One or more pieces of lining or other sheet goods being doubled, and a tracing-tool being applied upon the upper flap, G, to mark, by the wheel C, for instance, the line *m*, another line, as *n*, similar and parallel with the line *m*, will simultaneously be marked by the wheel E, and both lines of indentations reproduced upon the underlying flap H.

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

In a tracing-tool, the combination, with the handle A, wheel C, and wheel-bearing B, and with the transverse plate D, having slot *d*, of the wheel E and its bearing F, provided with the lateral extension *f*, having projections *b c*, to slide in the said slot, and means, as G, for clamping the said parts *f* D together.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 22d day of April, 1885.

ELISABETH C. GEVERT.

Witnesses:

A. W. ALMQVIST,
M. M. CROSSMAN.