(No Model.)

M. A. ADLER.

TAILOR'S CUTTING TABLE.

No. 538,760. Patented May 7, 1895.

Fig. I

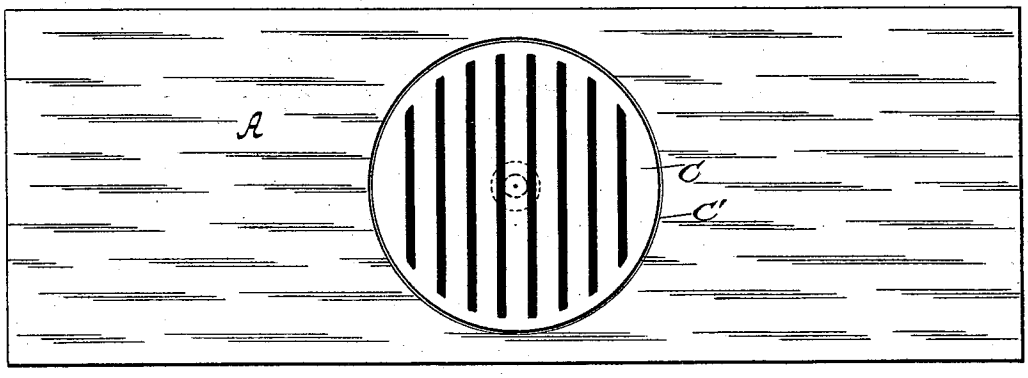


Fig. II

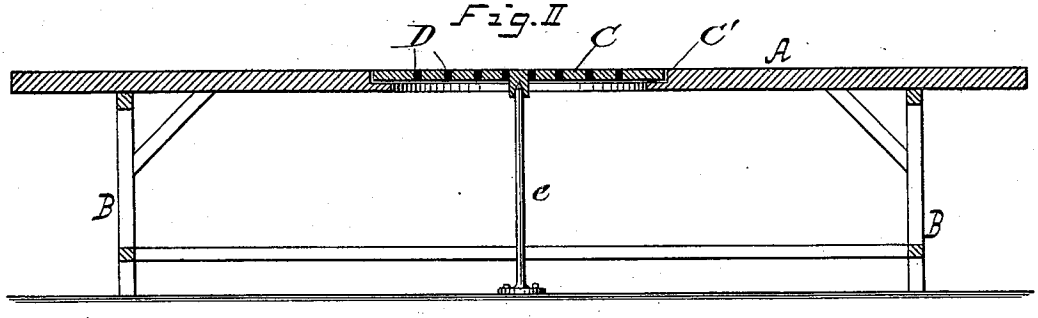
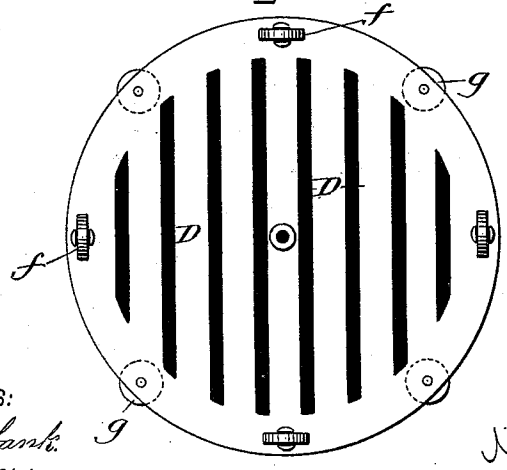


Fig. III



WITNESSES:

Jas. L. Ewbank.

Harold W. Hoover.

INVENTOR

Marcus A. Adler

BY

Chas. Wahlers

ATTORNEY.

UNITED STATES PATENT OFFICE.

MARCUS A. ADLER, OF NEW YORK, N. Y.

TAILOR'S CUTTING-TABLE.

SPECIFICATION forming part of Letters Patent No. 538,760, dated May 7, 1895.

Application filed October 24, 1894. Serial No. 526,791. (No model.)

To all whom it may concern:

Be it known that I, MARCUS A. ADLER, a citizen of the United States, and a resident of New York city, in the county of New York and State of New York, have invented certain new and useful Improvements in Tailors' Cutting-Tables, of which the following is a specification.

My invention relates especially to that class of cutting tables with a slot to receive the blade of a cutting knife and a rotary disk in which said slot is formed so that the knife can be turned to follow the lines of the pattern and thus obviate the necessity of shifting the cloth.

The invention consists in an improved construction of such a table and particularly in the mounting of the rotary disk.

In the accompanying drawings, Figure I represents a plan view of a cutting-table embodying my invention. Fig. II represents a vertical longitudinal section thereof. Fig. III represents a bottom view of the rotary disk detached, and on a larger scale than in the preceding figures.

Similar letters of reference indicate similar parts.

The letter A indicates the table proper, which is mounted on suitable legs or frame-work B of any suitable construction.

C indicates the rotary disk, which is fitted into an opening C′ of the table, and D indicates the series of slots in the disk, the same being parallel to and equidistant from each other.

In order to permit and facilitate the desired rotary movement of the disk C it is mounted on a vertical central spindle *e* (see Fig. 2) and also furnished with anti-friction rollers *f*, *g*, (see Fig. 3,) said spindle rising from the floor, and the anti-friction rollers bearing, respectively, against the vertical and horizontal edge of the opening C′, the latter having an inwardly-projecting peripheral flange constituting the said horizontal edge thereof. The horizontal flange upon which the vertically-placed friction-rollers bear, is located below the plane of the table-top, thus forming an annular shelf or track upon which said rollers travel as the disk is rotated. The placing of the rollers and their tracks is such that the rotary disk is flush with the table-top and fills the opening C′ so that the upper surface of the table is not rendered uneven despite the use of the two sets of rollers. The double set of anti-friction rollers in combination with the central spindle bearing, gives to the rotary disk a very steady and easy movement, so that it will respond sensitively to the direction of the cutting knife.

The surface of the rotary disk C is approximately flush with the surface of the table A, so as to permit a free or unobstructed adjustment of the cloth upon the table; and when the table is applied to use, the desired knife is inserted into either of the slots D, and by the action of the knife, resulting from a twist from the hand of the operator, the disk C is turned upon its axis in one or the other direction so as to accommodate the knife to the shape of the pattern without moving the cloth. It is evident that a single slot, instead of a series thereof, may be used, in the rotary disk C.

What I claim as my invention, and desire to secure by Letters Patent, is—

A tailor's cutting table, having the circular opening C′ with a horizontal flange at the margin thereof projecting inwardly below the plane of the table-top, in combination with the slitted disk C filling said opening and mounted to rotate therein, a central spindle-bearing for said disk, vertical friction rollers *f* near the periphery of said disk, and horizontal friction rollers *g* projecting beyond the periphery thereof, the upper surface of said disk being flush with the table top, and said friction rollers *f*, *g*, bearing on the margin of opening C′ and the horizontal flange thereof respectively, substantially as set forth.

MARCUS A. ADLER.

Witnesses:
CHAS. WAHLERS,
JAS. S. EWBANK.