

(Model.)

W. M. CUTHBERT.
SEWING MACHINE TABLE.

No. 324,753.

Patented Aug. 18, 1885.

Fig. 1.

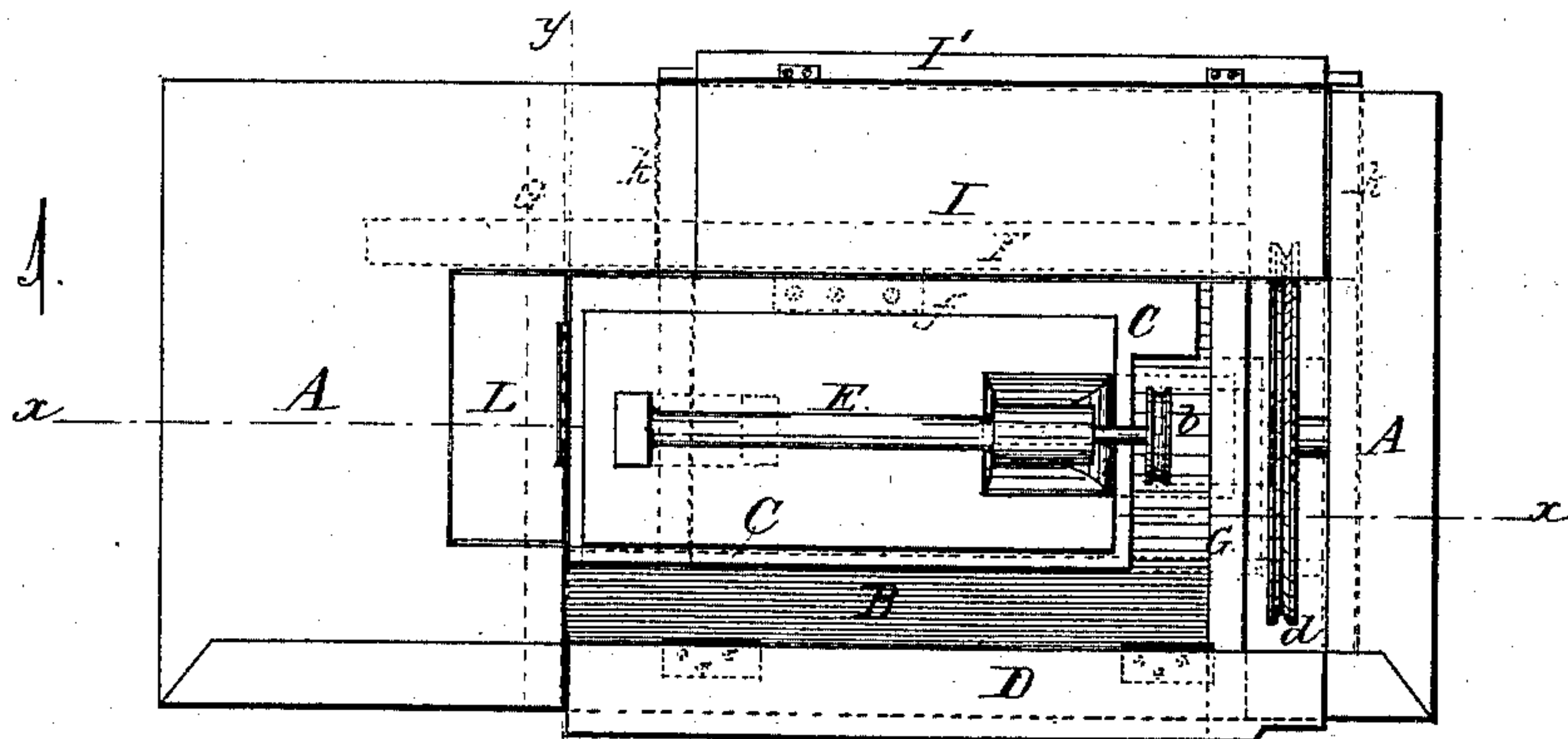


Fig. 2.

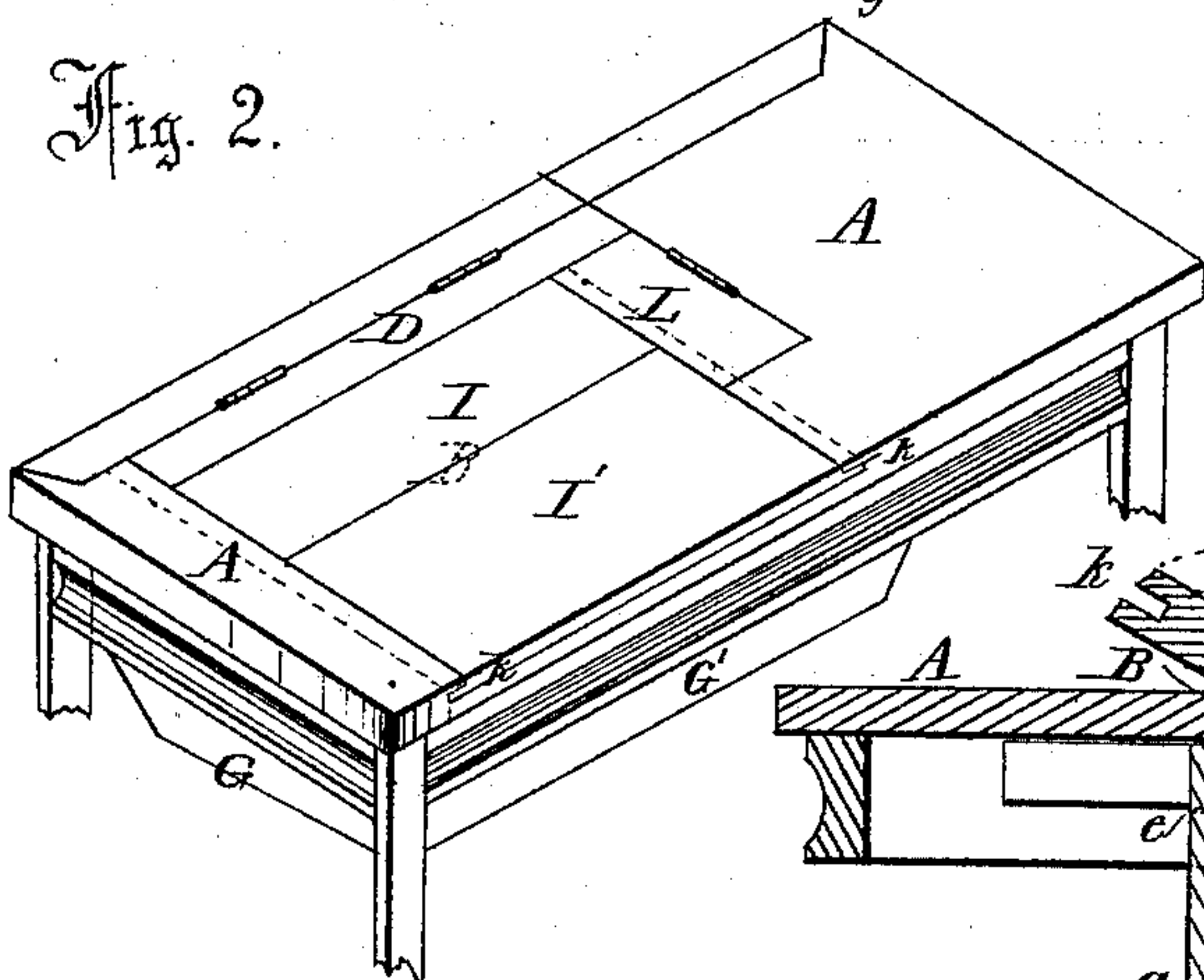


Fig. 1a.

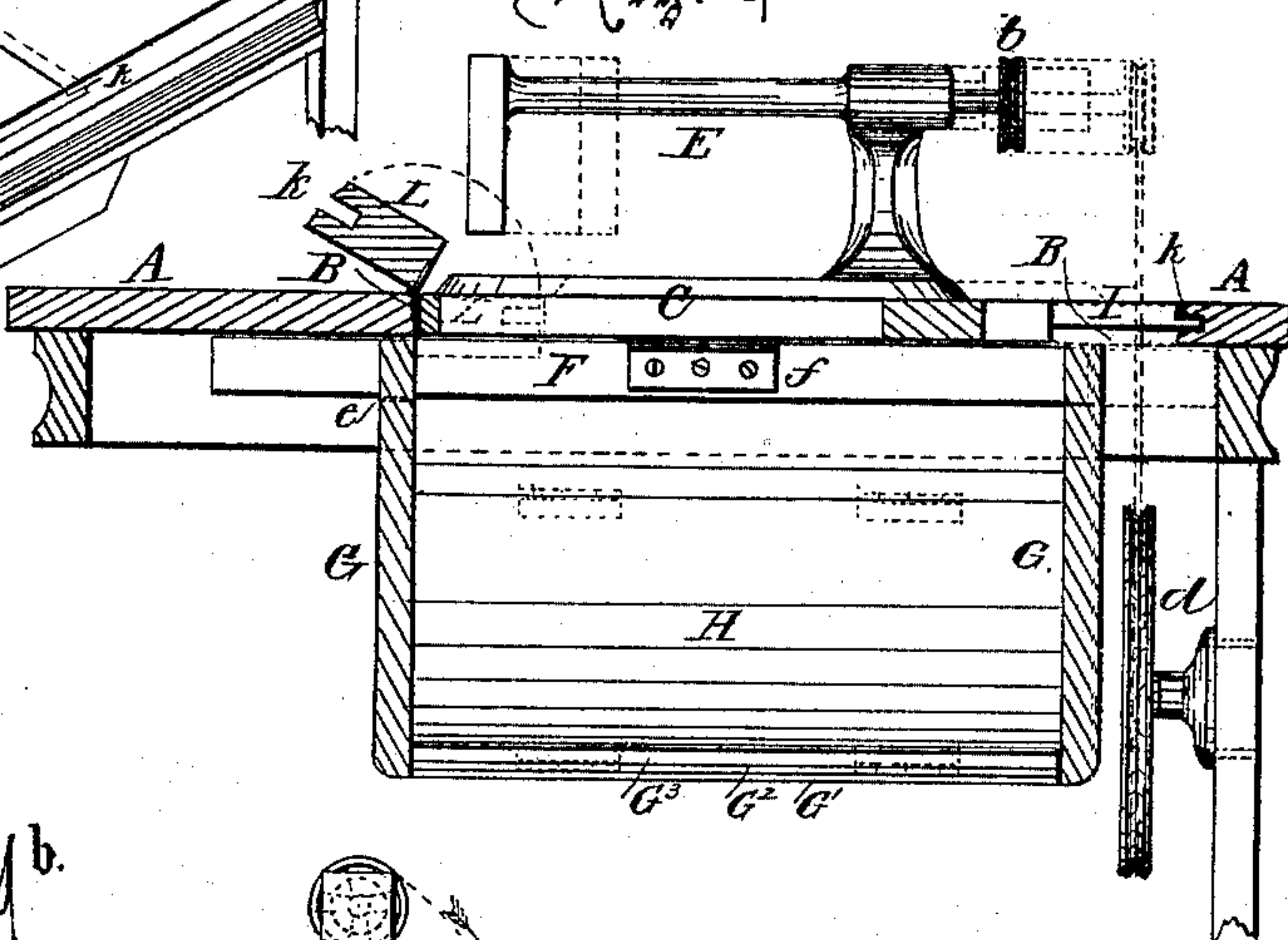
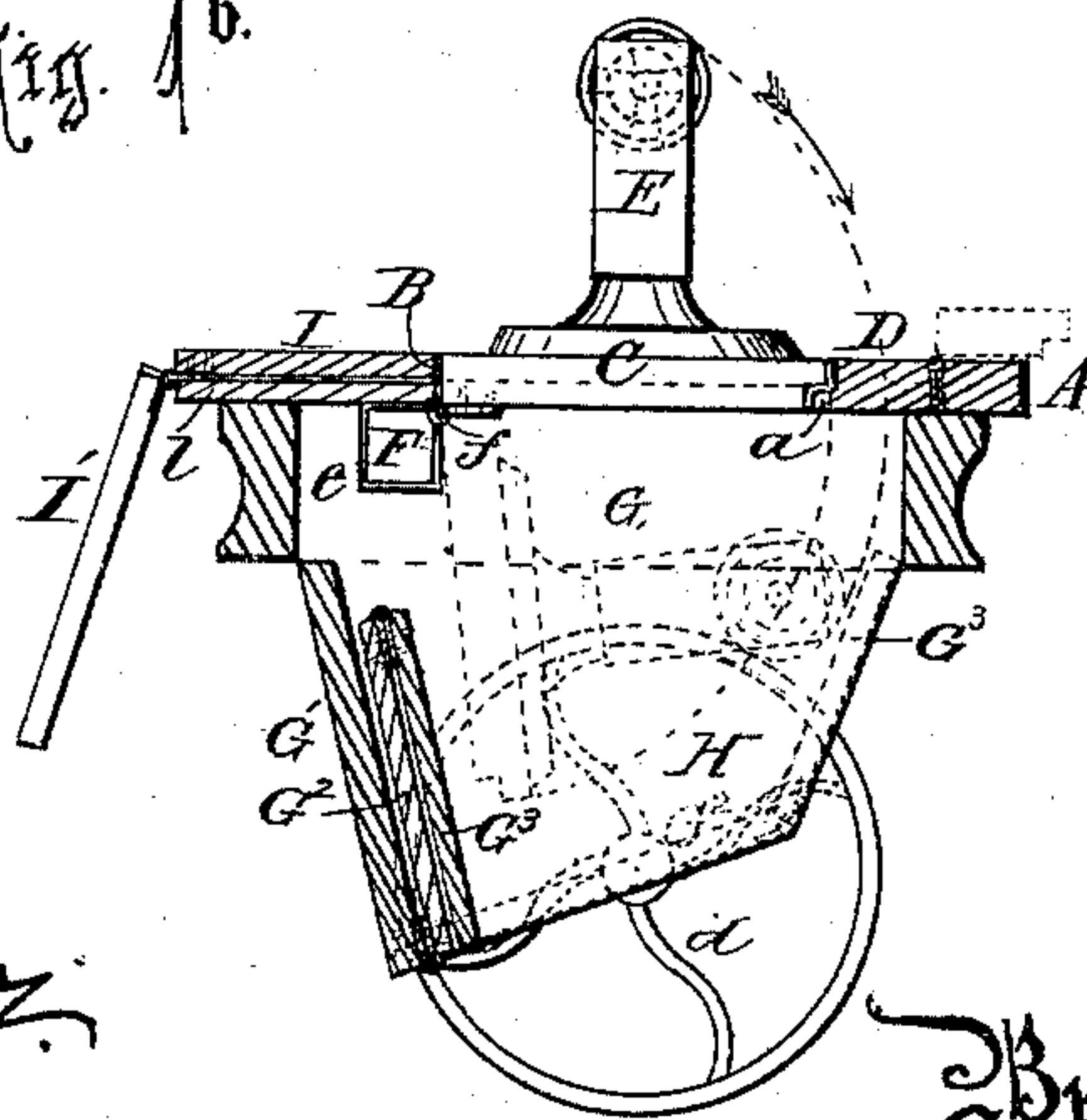


Fig. 1b.



Witnesses:
Julius Rehwoldt,
Jas. M. Moore.

Inventor:
W. M. Cuthbert.
By H. C. Donnell
Attorney

UNITED STATES PATENT OFFICE.

WILLIAM M. CUTHBERT, OF PITTSBURG, PENNSYLVANIA, ASSIGNOR OF
ONE-HALF TO WILTON C. DONN, OF BROOKLYN, NEW YORK.

SEWING-MACHINE TABLE.

SPECIFICATION forming part of Letters Patent No. 324,753, dated August 18, 1885.

Application filed May 1, 1873; Renewed April 23, 1883. (Model.)

To all whom it may concern:

Be it known that I, WILLIAM M. CUTHBERT, of the city of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Sewing-Machine Table, which improvement is fully set forth in the following specification and accompanying drawings.

My invention relates to a table for sewing-machines, in which the machine, when in use, occupies its usual position in tables of ordinary construction, but when not used can be lowered below the top into a recess or receptacle where it is concealed and protected from injury by dust, handling, &c., while the top is converted into the appearance of a flat-topped table or desk, and can be used as such.

The object of the first part of my invention is to construct the table so that the sewing-machine can be moved away from the driving-wheel preparatory to lowering it below the table-top and toward the driving-wheel when it is to be operated; and this part of the invention consists in a table having its top provided with a recess for the platform of the machine, said recess being longer than the platform, so that the platform, and with it the machine, can be moved within the recess and lengthwise thereof, and the band-wheel of the machine thereby moved in line with the driving-wheel when the machine is to be operated, and out of line with the drive wheel when the machine is to be lowered below the table-top.

Another object of my invention is to support or sustain the sewing machine in the recess when in its operative position, and also when moving it lengthwise of the recess; and this part of the invention consists in supports which sustain the machine and its platform in a horizontal position in the recess, and on which supports the machine and platform can be moved lengthwise of the recess and within the same for the purpose of placing the machine in its operative position or moving it out of the same preparatory to lowering or dropping it below the table-top.

A third object of my invention is to connect the machine with the top, so that it can be swung or turned on an axis for the purpose of raising it to an upright position above or lowered below the top; and it consists in hing-

ing the base or platform of the machine to one side of the recess in the table-top in such a position that the base or platform can be raised to a horizontal position or lowered below the table-top.

A fourth object of my invention is to close up the recess or receptacle below the table-top by means which will not interfere with the running of the machine; and it consists in making the bottom and front of the said recess or receptacle adjustable, so that when the machine is in its working position the said parts can be pushed back out of the way of the operator, and when lowered the said parts can be drawn forward out of the way of the machine.

A fifth object of my invention is to cover the recess in the top of the table and give the table a smooth unbroken surface; and it consists in providing the table-top with leaves or extensions adapted to be moved aside when the machine is raised to its operative position, and to be replaced so as to cover the opening or recess and form a flush top for the table.

In the accompanying drawings, Figure 1 represents a plan of my improved sewing-machine table with the leaves or extensions moved aside and the machine in position to be lowered. Fig. 1^a is a longitudinal section taken on line *x x* of the table, as illustrated by Fig. 1. Fig. 1^b is a transverse section of the same, taken on line *y y*. Fig. 2 is a perspective view of the table, representing it as it appears when the machine is lowered below the top and the leaves or extensions adjusted over the recess.

Referring to the drawings, A is the table-top, B the elongated opening or recess formed therein, and C the base or platform of the machine.

The opening or recess B is longer than the platform C, and its width is sufficient to admit the platform, so that it can slide freely with its surface about flush with the surface of the sides of the recess, and also allow the sewing-machine head to pass when turned down into the recess. As represented on one side of the recess, a part of the top is formed of a hinged piece, D, having a rabbet, *a*, on its free edge, forming a ledge which, with the support on the opposite side of the recess, sustains the sewing-machine in a horizontal posi-

tion to facilitate its sliding, and also to hold it in its operative position. The opening or recess B is made sufficiently long to allow the platform to be moved longitudinally thereof backward, so as to carry the machine E to its working position with its pulley *b* in line with the drive-wheel *d*, and forward until its pulley is out of line with the drive-wheel, so that when the machine is dropped the pulley will not come in contact with the drive-wheel. In Figs. 1 and 1^a the machine, in its forward position ready for being dropped under the top, is indicated by the solid lines, and its operative position with the pulley in line with the drive-wheel is indicated by the dotted lines.

The platform C, which is made to conform to the style of the machine used, has one of its sides hinged or pivotally connected to one side of the recess, and its opposite side swings freely on the hinged or pivoted connection; and this connection also serves as the sliding support for the attached side of the platform. In the construction illustrated this sliding support is composed of a bar, F, passed through slots or openings *e* in the end plates, G G, of the receptacle H, so as to slide freely back and forth in the openings. To this bar is connected by a hinge, *f*, the platform of the machine, as shown. The bar and hinge form the combined hinged and sliding connection for the platform of the machine, on which the platform and with it the machine can be moved longitudinally and swung axially without detaching the platform.

The receptacle H, into which the machine is received when turned down below the top, is formed by the end pieces, G G, the back G', and the hinged pieces G² G³, which respectively form the bottom and front. When operating the machine, the hinged pieces G² G³ are folded against the back G', as shown by the solid lines, Fig. 1^b, and thus give room for operating the treadle, but when the machine is to be turned down into the receptacle the said pieces are unfolded and drawn forward, piece G² forming the bottom and piece G³ the front, as indicated by the dotted lines. The driving-wheel *d*, it will be observed, is placed outside of the receptacle H, as clearly shown in the drawings. In Figs. 1, 1^a, and 1^b space is left between the rear end of the platform and the adjacent end of the recess B for the driving belt to pass up from the driving-wheel to the pulley.

The top A of the table, with the exception of the elongated recess for the machine, is constructed in substantially the same manner as the tops of sewing-machine tables in general; but it is provided in addition with suitable devices for covering the recess or receptacle in which the machine is inclosed.

In Figs. 1, 1^a, and 1^b, two sliding lids, I I', are employed, which are hinged together and provided on their end edges with tongues which match with the grooves K K in the top A, and the groove K in the piece L, which is hinged to the table-top at the front end of the

recess, and is designed to fold down when the machine is in its operative position, and fill the space between the end of the recess and the end of the platform, as indicated by the dotted lines. The part *l* of the top A, over which the lids I I' slide, is preferably made thinner than the front and end portions of the top, so that when the lids I I' are pushed in over the recess they will form a flush connection with the top A and piece L, as illustrated by the perspective view, Fig. 2. The lids I I' slide transversely of the top, and when pushed in they entirely cover the recess B. When drawn out, lid I remains on top of the part *l* and lid I' hangs down.

I claim—

1. A sewing-machine table having a recess in its top, in combination with a guide-bar mounted in bearings at one side of said recess, a platform of less length than the recess hinged to said guide-bar, and a support for sustaining the said platform in a horizontal position, and from which the platform may be detached, substantially as and for the purpose set forth.

2. The combination, with a sewing-machine table provided with a recess in the top and a driving-wheel attached to one of the end supports of the table, leaving a space between the driving-wheel and the most remote end of the recess sufficient to permit the lowering of a sewing-machine within the same, of a platform of less length than the recess and located within the same, a sewing-machine mounted on the platform, and supports for said platform, part of said supports being movable and part detachable from the platform, substantially as and for the purpose set forth.

3. The combination, with a sewing-machine table provided with a recess in its top, and a driving-wheel attached to one of the end supports of the table, leaving a space between the driving-wheel and the most remote end of the recess, sufficient to permit the lowering of a sewing-machine within the same, of a sewing-machine platform of less length than the recess located within the said recess, and supports for the said platform on which the said platform can be moved lengthwise of the said recess for the purpose of carrying the band-wheel of the sewing-machine in and out of line with the driving-wheel, substantially as specified.

4. A sewing-machine table, the top of which is provided with a recess, in combination with a sewing-machine and a platform therefor, the said platform being of less length than the said recess in the table-top and in which it is placed, a driving-wheel connected with the sewing-machine table at one end thereof and below or under the top, and supports for the platform and sewing-machine, substantially as specified, and for the purpose set forth.

5. The combination of the table-top A, provided with the recess B, the drop-platform C, on which the sewing-machine is mounted, said platform being of less length than the said

recess and located therein, and supports for the said platform on which it is movable, substantially as specified.

5 6. The combination of the table-top A, provided with the recess B, the drop-platform C, on which the sewing-machine is mounted, and which is of less length than the recess B, in which it is placed, and the supports *f* *a*, on 10 of the recess, and from one of which it is detachable, and on the other it swings as on a pivot, substantially as specified.

15 7. In combination with the sewing-machine table and the drop-platform carrying the sewing-machine, a receptacle under the table-top, composed of the fixed end pieces, G G, and back G', and adjustable front and bottom pieces, substantially as specified.

20 8. In combination with the recessed table-top and the drop-platform located in the said recess, the lid or covers I I', block or piece L, and part D of the table-top, provided with the rabbet *a*, substantially as specified.

9. The sewing-machine table provided with a recess in its top, the platform carrying the 25 sewing-machine of less length than the recess and located within the same, in combination with supports for the platform on which the said platform is movable lengthwise of the said recess, and a block or piece for filling the 30 space between the end of the platform and the end of the recess when the machine is in its operative position, and which is removable from the recess, substantially as specified.

10. The combination of the sewing-machine 35 table provided with a recess in the top, a sewing-machine platform of less length than the recess and located within the same, supports for the said platform, on which it is movable lengthwise of the recess, and the block or piece 40 L, substantially as specified and for the purpose set forth.

WILLIAM M. CUTHBERT.

Witnesses:

WILSON BARR,
C. L. CATLIN.