

G. B. BRINK.

MACHINE FOR SEWING UPHOLSTERED OR TUFTED PADS OR CUSHIONS.

APPLICATION FILED NOV. 20, 1909.

1,042,641.

Patented Oct. 29, 1912.

Fig. 1.

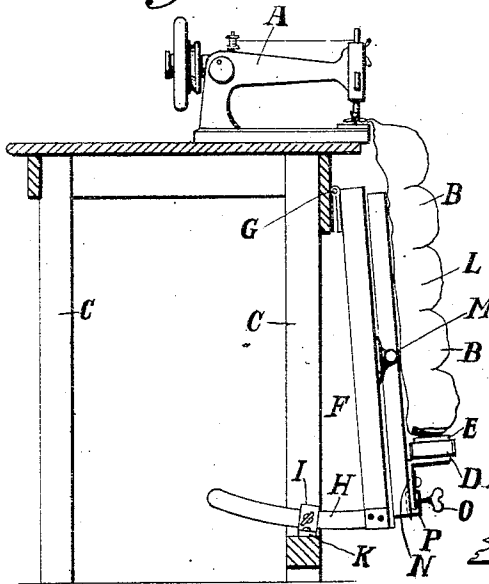


Fig. 2.

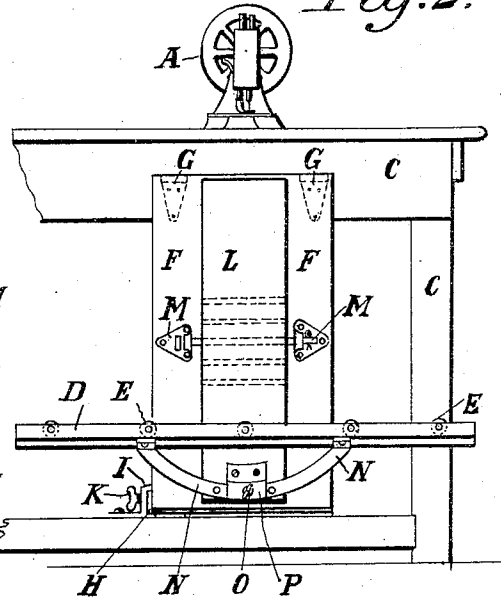


Fig. 3.

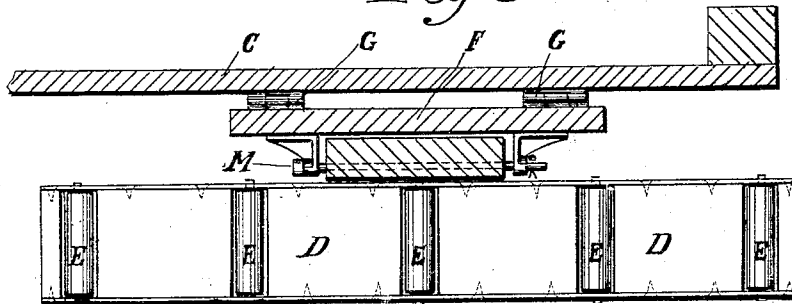
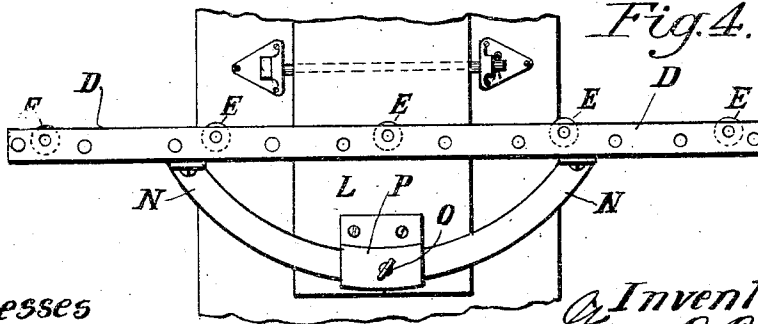


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

GEORGE B. BRINK; OF SOUTH LYON, MICHIGAN, ASSIGNOR TO TUFTING MACHINE SUPPLY COMPANY, OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

MACHINE FOR SEWING UPHOLSTERED OR TUFTED PADS OR CUSHIONS.

1,042,641.

Specification of Letters Patent.

Patented Oct. 29, 1912.

Application filed November 20, 1909. Serial No. 529,088.

To all whom it may concern:

Be it known that I, GEORGE B. BRINK, a citizen of the United States, residing at South Lyon, in the county of Oakland and State of Michigan, have invented certain new and useful Improvements in Machines for Sewing Upholstered or Tufted Pads or Cushions, of which the following is a specification, reference being had therein to the accompanying drawing.

My invention relates to machines for sewing upholstered or tufted pads or cushions, and consists in the matters hereinafter described and then pointed out in the claims.

In the accompanying drawings Figure 1 is an end view of a machine embodying the features of my invention with a cushion or pad in place; Fig. 2 is a side view of Fig. 1; and Figs. 3 and 4 are detail views showing means for effecting the various adjustments of the table or shelf.

In the drawings the reference letter A represents a suitable sewing machine head for sewing together the cover and backing and facing materials along the edges of upholstered or tufted pads or cushions B, and C is a frame or base upon which the machine is supported.

The letter D indicates a table or shelf which is horizontally arranged and adjustably mounted upon the frame or base, being of approximately the length of the long side of an upholstered pad or cushion for automobile or couch constructions as the case may be. The table or shelf is suitably cut away at intervals along its length and rollers E are suitably journaled in the recesses formed by the cut away portions, the purpose of this construction being to support or carry the pads or cushions upon these rollers so that they may be more easily moved thereon lengthwise of the table or shelf.

In carrying out my invention I preferably make the table or shelf adjustable vertically or toward and away from the machine head so that it will accommodate pads or cushions of different sizes to bring their edges in position to be operated upon by the sewing machine, and the table or shelf is also preferably adapted to be adjusted longitudinally or tilted more or less in the direction of its length so as to be set at an angle in order to expedite the movement of the pad or cushion along it, and the table

or shelf is also preferably adapted to be adjusted laterally or away from the frame of the machine in order to throw the edges to be sewed farther between the needles. For these purposes I preferably support the table or shelf by means of a pivoted leaf F, which carries the table or shelf at its free end and is pivoted to the frame at its other end by a hinge as at G. By means of the pivotal construction of the leaf, the shelf may be adjusted laterally or toward and away from the frame, being held in adjusted position by any suitable means such as the curved sector H secured to the leaf or table and passing through a bearing I in which it is held in adjusted position by means of a set screw K. In order to provide for the vertical adjustment of the table or shelf, the leaf is preferably provided with an adjustable section L which slides longitudinally on the leaf and is held in adjusted position by any suitable means as a pin M on the leaf adapted to enter any one of a series of holes in the adjustable section. In order to provide for the angular adjustment or tilting of the table or shelf, the latter is supported by means of the curved bracket N which is adjustably held by a set screw O in a bearing P carried by the adjustable section L.

The support for the cushions is adjustable angularly in two planes at right angles to each other; by means of the vertical adjustment the table or shelf may be adjusted to and from the sewing machine head so that cushions or pads of various sizes may rest upon the table and have their edges brought into position to be operated upon by the machine, while by means of the angular adjustment the table may be tilted or inclined more or less to the horizontal so that the cushion or pad is more readily and easily slid along the table to pass the needles of the sewing machine, and by means of the lateral adjustment the lower edge of the table may be adjusted more or less away from the frame of the machine so that the edges of the cover and backing and facing to be sewed will be projected farther inward between the needles.

I claim:—

1. In a device of the class described, a frame having a sewing machine head, a leaf pivoted upon the frame below the head, a table or shelf mounted in substantially horizontal position on the leaf to support a pad

or cushion with its edge at the needle of the machine, and means to tilt the table longitudinally on the leaf to incline the pad.

2. In a device of the class described, a frame having a sewing machine head, a leaf pivoted upon the frame below the head, a table or shelf mounted in substantially horizontal position on the leaf to support a pad or cushion with its edge at the needle of the machine, means to tilt the table longitudinally on the leaf to incline the pad, and means to hold the leaf laterally away from the base.

3. In a device of the class described, a frame having a sewing machine head, a leaf

pivoted on the frame below the head and provided with a section adjustable longitudinally thereof, a table or shelf pivoted on the adjustable section of the leaf to support a pad or cushion with its edge at the needle of the machine, means to hold the table in adjusted position on said section, and means to adjust the inclination of the leaf on the frame.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE B. BRINK.

Witnesses:

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J. McROBERTS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."