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O. B. STARKWATHER.

ATTACHMENT FOR SEWING MACHINE TABLES.

APPLICATION FILED JULY 27, 1906.

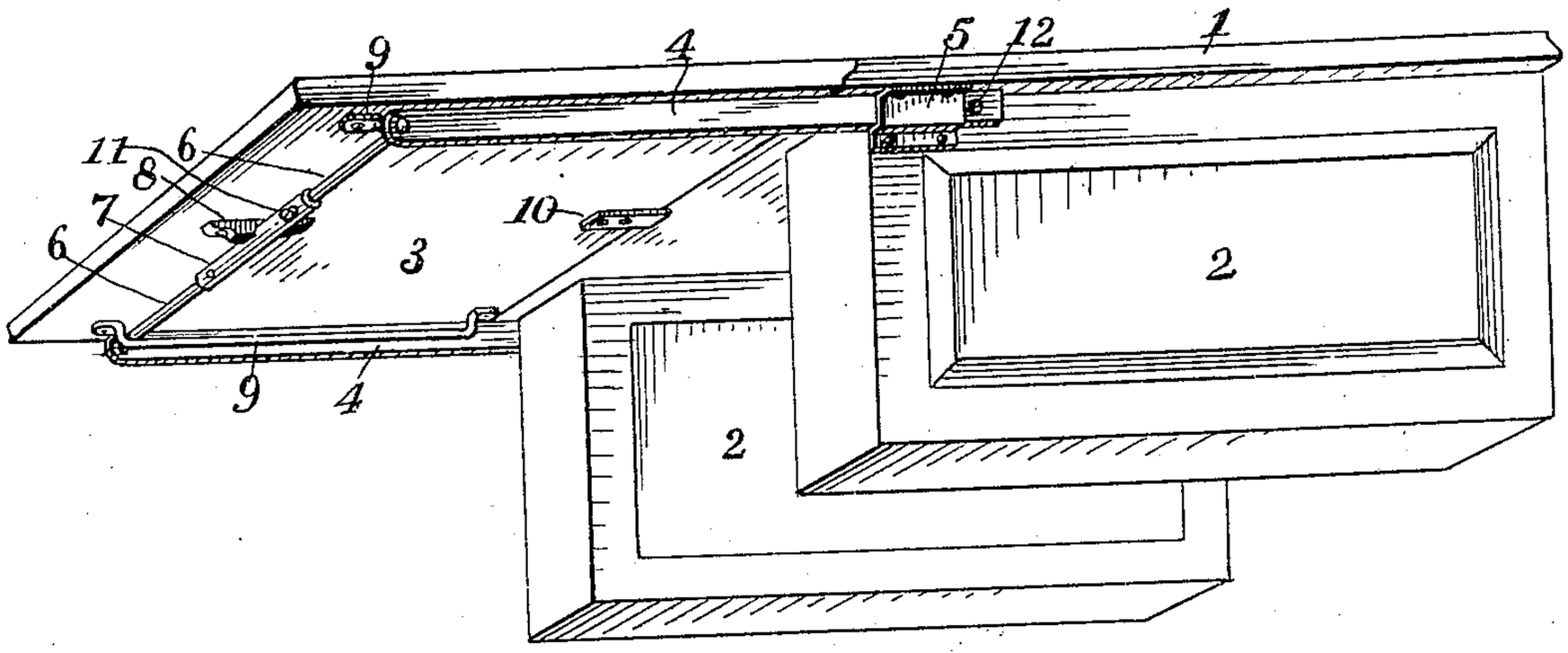

Fig. 1.

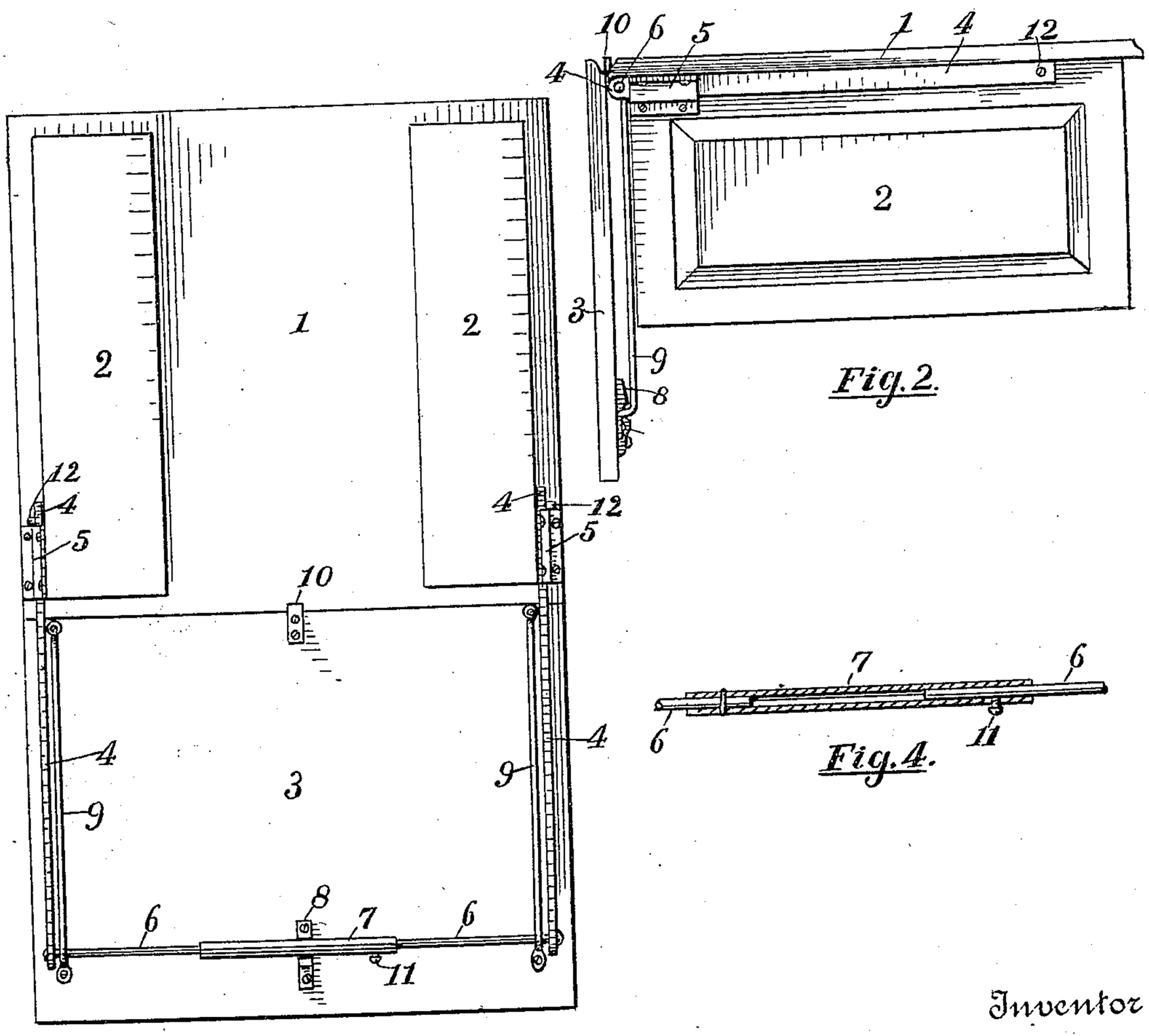

Fig. 2.

Fig. 3.

Fig. 4.

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ATTACHMENT FOR SEWING-MACHINE TABLES.

No. 840,875. Specification of Letters Patent. Patented Jan. 8, 1907.

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To all whom it may concern:

Be it known that I, OAKLEY B. STARKWATHER, a citizen of the United States, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Attachments for Sewing-Machine Tables; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in attachments for sewing-machine tables; and its object is to provide an attachment in the nature of an extension-top to the table, to provide improved means of supporting the same, to provide means whereby the same may be turned down to vertical position when out of use, to adapt the device for attachment to various sizes of sewing-machine tables as occasion requires, and to provide the same with various new and useful features hereinafter more fully described, and particularly pointed out in the claims.

My invention consists, essentially, of an extension-top for sewing-machine tables provided with slidable supports connected by an extensible rod, whereby the device may be adjusted to different lengths of tables, the top being slidably and pivotally attached to the rod, and in various features of construction and arrangement, as will more fully appear by reference to the accompanying drawings, in which—

Figure 1 is a perspective of a sewing-machine table with my improved device attached thereto and in extended position; Fig. 2, an end elevation of the same, showing the extension-top turned down in vertical position, as when out of use; Fig. 3, an inverted plan view of the device arranged as in Fig. 1, and Fig. 4 an enlarged detail of the means for extending the connecting-rod.

Like numbers refer to like parts in all of the figures.

1 represents the top of a sewing-machine table; 2, the drawer-cases of the same as usually constructed.

3 represents an extension-top adapted to be attached to a sewing-machine table and for this purpose provided with supporting-arms 4, consisting of bars, preferably of metal, which bars are slidably inserted in clips 5, secured to the ends of the sewing-machine table near the rear corners thereof. Said supporting-bars are connected at their outer ends by a rod 6, made extensible in length by being divided intermediate its ends and provided with a sleeve or tube 7, fixed on one adjacent end of the rod, and in which sleeve the other end of the rod is adjustable longitudinally and held adjusted by a set-screw 11 in the sleeve 7. To limit the outward movement of these supporting-bars, they are provided with stops 12, which preferably consist of screws which can be removed to enable the bars to be withdrawn from the clips.

9 represents parallel rods secured at their respective ends to the under side of the extension-top 3 and spaced apart therefrom to receive the rod 6 between the same and the extension-table, and thus slidably and pivotally secure the same to the rod.

10 is a lug or projection on the under side of the extension-table, which engages the under side of the top, and thus prevents the inner side of the extension from rising should any sufficient weight be placed on its outer edge beyond the ends of the supporting-bars. To further hold this extension-top securely in place when adjusted for use, I also provide a concave stop-block 8, attached to the under side of the extension-top and adapted to engage the rod 6, which rod is made sufficiently flexible to spring down and pass into the recess in the stop. When out of use, the stop is disengaged from the rod and the extension-top moved outward sufficiently to disengage the lug 10, when the top may be turned to the vertical position, and the rods 6 will traverse to the inner ends of the rod 9 and pivotally support the extension 3 with its upper edge in the plane of the top 1, with the supporting-bars slid back under the same, as shown in Fig. 2.

What I claim is—

1. The combination of a sewing-machine table, an extension-top, bars slidably connected to the sewing-machine table and supporting the top, and means for slidably and pivotally connecting the said extension-top with the bars.

2. The combination of a sewing-machine table, clips attached to the ends of the tables, bars slidable in the clips, an extension-top supported by the bars, and rods attached to the top and slidably and pivotally connecting the same with the bars.

3. The combination of a sewing-machine

table, bars slidably connected to the table and adapted to project horizontally therefrom, an extension-top supported by the bars, a rod connecting the outer ends of the bars, and rods attached to the extension-top and pivotally and slidably engaging the rod.

4. The combination of a sewing-machine table, clips attached beneath the top of the said table, bars slidable in said clips, an extension-top supported by said bars, a rod connecting the outer ends of said bars, a concave stop-block attached to the extension-top and engaging the rod, and rods attached to the extension-top and slidably and pivotally engaging the connecting-rod.

5. In combination with a sewing-machine table, clips adapted to be attached to the table, bars adapted to slide in said clips, a rod connecting said bars and divided intermediate its ends, a sleeve on said rod, a set-screw in the sleeve, and an extension-top pivotally and slidably connected to the rod.

6. The combination of a sewing-machine table, clips attached to the ends of the same, bars slidable in said clips, an extension-top supported by said bars, a lug on said top to engage the top of the sewing-machine table, and means for pivotally connecting the top and the supporting-bars.

7. In combination with a sewing-machine table, bars slidably connected thereto, a rod connecting the outer ends of the bars, an extension-top supported by the bars, means for slidably and pivotally connecting the top to the rod, a lug on the extension-top to engage the table-top and a concave stop-block on the extension-top to engage the connecting-rod.

8. The combination of a sewing-machine table, clips attached to the respective ends of the same, supporting-bars slidable in said clips, a rod connecting the outer ends of said bars, an extension-top supported by said bars, rod on the top to slidably and pivotally engage the connecting-rod, a lug on the extension-top to engage the table-top and a concave stop-block on the extension-top to engage the connecting-rod.

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

OAKLEY B. STARKWATHER.

Witnesses:
PALMER A. JONES,
LUTHER V. MOULTON.