

UNITED STATES PATENT OFFICE.

ROBERT SELDEN ELLYSON, OF DANVILLE, VIRGINIA.

MODE OF ATTACHING WRITING-DESKS TO SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 330,100, dated November 10, 1885.

Application filed May 25, 1885. Serial No. 166,635. (No model.)

To all whom it may concern:

Be it known that I, ROBERT SELDEN ELLYSON, a citizen of the United States, residing at Danville, county of Pittsylvania, State of Virginia, have invented a new and useful Improvement in Sewing-Machine Attachments or Tables; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, which make a part of the same, and in which—

Figure 1 is a perspective view of a portion of a sewing-machine having my invention applied thereto, showing the device in position for use. Fig. 2 is a view in side elevation, partly in section, of the device with the hinged table-leaf in its normal position. Fig. 3 is a detached detail view of the leaf-supporting device, and Fig. 4 is a detail perspective view of the pivoted arm carrying the inkstand.

Like letters of reference in the several drawings denote like or corresponding parts.

Referring by letter to the drawings, A designates the sewing-machine, which is of the ordinary well-known construction, and provided with a hinged folding leaf, A', and a series of drawers, B, of the ordinary and well-known construction.

C designates the drawer to the hinged leaf A', having a handle, c, and adapted to slide in and out on the leaf A' in ways C', secured on the lower surface thereof at a suitable distance apart and bearing in grooves C², formed in each of the side walls of said drawer C, as is usual.

D designates a plate, preferably rectangular in form and having three sockets, d d d, cast therein, and holes d' at or near each corner thereof for the passage of screws or other suitable means for securing the plate D to the outer surface of the drawer-casing, at or near the middle thereof, as clearly shown. The sockets d d d are two or more in number and arranged one above the other, the upper ends being open for the reception of a pivot pin or lug, e, of a bolt or bar, E, said bar being connected at its opposite end to a universal joint, l, of any preferred construction secured to the bracket or plate F, having upwardly and outwardly bent perforated flanges f at each side thereof for securing the plate to the lower

surface of the drawer-bottom by means of screws, nails, or in any preferable manner.

The pivot pin or bolt e of the supporting arm or bar E is arranged at an angle thereto so as to easily fit and turn in one of the sockets d of the plate D while the opposite end of the bar or arm is flattened or enlarged and provided with an aperture through which passes a pin to connect the said arms to the universal joint l of the plate F to permit of the vertical and lateral play thereof when the leaf is dropped or the drawer moved laterally. I do not limit myself to the form of universal joint shown herein, as any other device of like character may be employed with equal advantage.

H designates a bar or arm having an eye or socket formed therein at one end, as at h, for the reception of an inkstand, and having its opposite end pivoted, as at h', to the lower surface of the machine-table, said arm being free to move or fold outwardly and inwardly in a horizontal plane and to lie snugly beneath the table A.

The drawer C may have a rack, I, or a series of racks, in which may be fitted pens, pencils, &c., and the racks may be of any preferred construction or design.

From the foregoing description, taken in connection with the drawings, it is obvious that the table-leaf can be adjusted and held at an angle to the machine table by merely disengaging the lug e from the socket d and elevating or depressing the same to engage a socket in a higher or lower plane. The drawer can be readily and easily opened without hinderance from the supporting-bar, it being pivotally connected to said drawer and free to turn on its lug e in the bearing or socket provided therefor in the plate D. The supporting-bar can be wholly disengaged from the plate D to allow the hinged leaf A to fold down compactly against the machine-frame, as is usual.

I attach importance to the means for holding and elevating the hinged leaf at any angle, as it can be employed in other relations than on a sewing-machine table, it only being necessary to provide a hinged leaf and secure the socket-plate to an object in proper relation to the hinged leaf and bar E.

My invention combines great simplicity, strength, and durability of construction with effectiveness of operation, cheapness of manufacture, thus bringing the device within the reach of all, and capability of the leaf being held at an angle, folded compactly, or arranged in a horizontal position, as is obvious.

Having thus fully described my invention, I claim—

1. In combination with a table, a leaf hinged thereto, a drawer sliding in cleats secured thereon and carrying a bracket-plate, a socket-plate secured to the machine frame, and a supporting-arm connected to the drawer to permit of the longitudinal and vertical movement of the drawer, and the supporting-arm adapted to fit one of the sockets of the

socket-plate to hold the leaf at any adjustment, as set forth.

2. In a sewing-machine attachment, the combination of a table, a hinged leaf carrying cleats, a sliding drawer secured in said cleats, a bracket, F, connected with the drawer, a plate, D, having a series of sockets, *d*, and a supporting-arm pivoted to the bracket F and having a pivot-stud, *e*, adapted to fit one of the sockets of the plate D, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

ROBERT SELDEN ELLYSON.

Witnesses:

ESTON RANDOLPH,
C. W. THROCKMORTON.