March 12, 1935. E. SCHAEFER 1,993,981

AUXILIARY TABLE FOR PORTABLE SEWING MACHINES

Filed Jan. 12, 1934

Fig. 1.

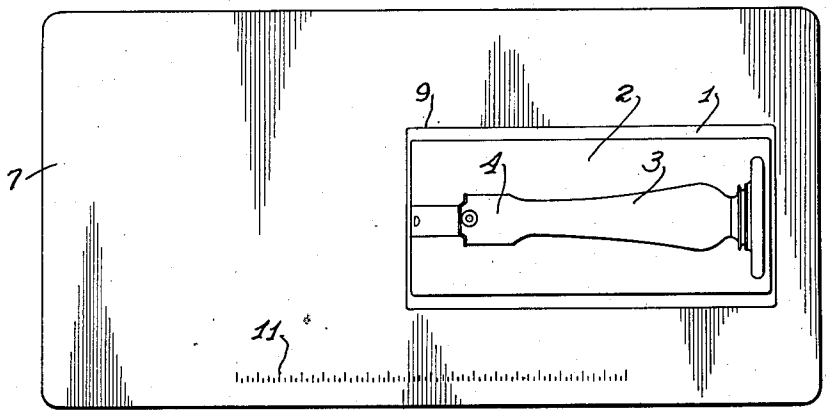


Fig. 2.

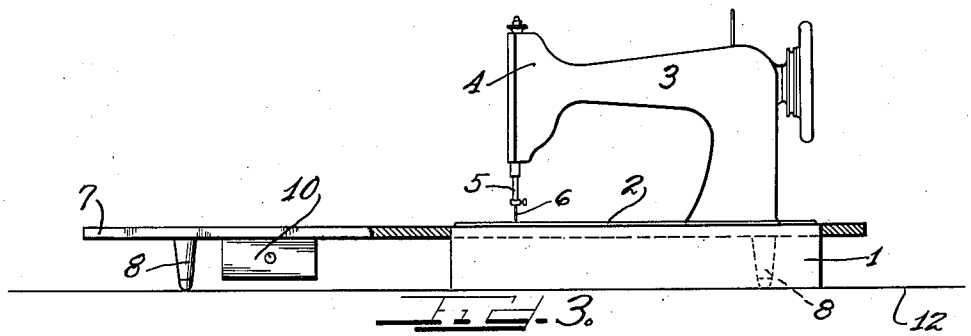


Fig. 3.

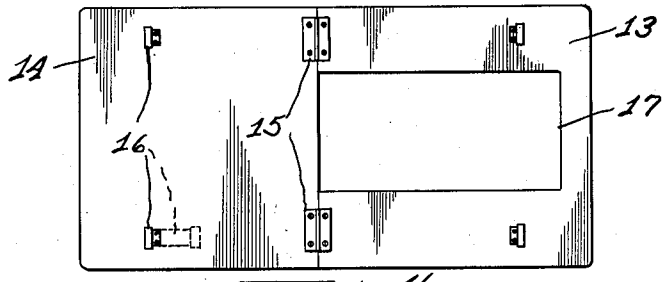
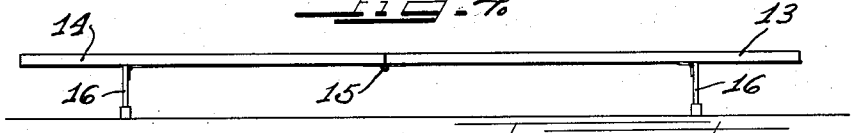


Fig. 4.



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AUXILIARY TABLE FOR PORTABLE SEWING MACHINES

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2 Claims. (Cl. 311—14)

In the use of the ordinary type of portable sewing machine it has been found that the base section of the machine is usually several inches high and when the machine is placed upon a table or support the top or sewing surface of the base section of the portable machine is considerably higher than the top surface of the supporting table. This arrangement results in considerable inconvenience and annoyance to the user of a portable sewing machine for the reason that the material being sewed rests upon and moves over the table and must be elevated several inches to be properly fed beneath the needle of the machine. This inconvenience in the improper feeding of material to the machine has resulted in the falling off of the use of portable sewing machines and furthermore often results in poor work being turned out by the machine due to the fact that the material is apt to pull away from the needle because it has to be moved from the elevation of the table to the top surface of the base of the portable sewing machine.

To obviate the above faults in the use of portable sewing machines and to provide a feeding surface on a level with the top surface of the base of a portable sewing machine the present invention has been devised to provide a portable or auxiliary material feed table adapted to be mounted on a supporting table in interfitting engagement with the base of a portable sewing machine so that the top surface of the auxiliary table is on a level with the top surface of the base of the machine to permit a material to be sewed to be conveniently advanced over the top surface of the auxiliary table into the field of operation of the sewing needle.

It is an object of this invention to provide an auxiliary table adapted for removable engagement with the base of a portable sewing machine to facilitate the advance of material into the field of operation of the sewing machine.

It is also an object of this invention to provide an auxiliary sewing machine table constructed to permit the same to be removably engaged over a portable sewing machine into a position wherein the top surface of the auxiliary table is on a level with the top surface of the base of the sewing machine.

It is a further object of this invention to provide an auxiliary table for use with a portable sewing machine said table having an opening therein to permit the upper portion of the sewing machine to project upwardly through the auxiliary table with the top surface of the auxiliary table being on a level with the top surface of the base of the portable sewing machine.

It is furthermore an object of this invention to provide an auxiliary table for use with a portable sewing machine and constructed to permit the same to be removably associated with the base of a portable sewing machine to be held in position thereby with the feet of the auxiliary table resting upon a common support for the sewing machine and the auxiliary table whereby the top surface of the auxiliary table is disposed in the same plane as the top surface of the base of the portable sewing machine.

It is an important object of this invention to provide a portable sewing machine with an auxiliary table which is removable and which when in position is held in position by the base of the sewing machine to provide a working extension for the sewing machine whereby goods to be sewed may be fed to the sewing machine on a level with the top surface of the base of said machine.

Other and further important objects of this invention will be apparent from the disclosures in the specification and the accompanying drawing.

The invention (in a preferred form) is illustrated in the drawing and hereinafter more fully described.

On the drawing:

Figure 1 is a top plan view of a portable sewing machine having associated therewith an auxiliary table embodying the principles of this invention.

Figure 2 is a front elevation of the portable sewing machine and the auxiliary work table with a portion of the auxiliary table shown in section.

Figure 3 is a bottom plan view of a modified form of auxiliary work table for use in combination with a portable sewing machine.

Figure 4 is a side elevation of the modified form of table illustrated in Figure 3.

As shown on the drawing:

The present invention covers an auxiliary work table for use in combination with a portable sewing machine to provide a working or material feed surface at the same level as the top surface of the base of the sewing machine to facilitate sewing. In the present showing the reference numeral 1 indicates the rectangular base of an ordinary portable type of sewing machine, said base having a top working surface 2. Projecting above the base of the sewing machine is an arm or elbow 3 having the ordinary sewing machine head 4 formed or mounted on one end thereof. Projecting downwardly from the sewing ma-

chine head 4 is a needle holder 5 in which the sewing machine needle 6 is engaged.

The improved auxiliary work table embodying the principles of this invention comprises a portable table top 7 provided with supporting legs 8 of a length determined by the height of the base section 1 of the sewing machine. The length of the legs 8 is such that the top working surface of the auxiliary table top 7 is disposed in the same plane as the top surface 2 of the base section 1 as clearly illustrated in Figure 2. The auxiliary table top 7 is provided with a longitudinal rectangular opening 9 provided near one end of the table top. The shape of the opening 9 is substantially that of the shape of the base 1 to permit the auxiliary table when the same is engaged downwardly over the upper mechanism of the portable sewing machine to fit around the base 1 which in turn acts as a means for holding the auxiliary table locked in position against longitudinal or transverse shifting with respect to the base of the sewing machine. As clearly illustrated in Figure 2 a work drawer 10 is supported upon the bottom surface of the auxiliary table top 7. Printed or inlaid in the top surface of the table top 7 adjacent the front margin of the auxiliary table is a yardstick or graduated ruler 11.

When it is desired to use a portable sewing machine the sewing machine is placed upon a supporting table 12 and the auxiliary table is then engaged over the sewing machine in the position illustrated in Figure 2 to permit the legs of the auxiliary table to rest upon the top surface of the supporting table 12 thereby positioning the top working surface of the auxiliary table on a level with the top surface 2 of the base of the sewing machine. With the auxiliary table in position as described it will be noted that a considerable working or feed surface is provided to the left of the base of the sewing machine in addition to the working surfaces disposed to the front and to the rear of the machine base. With the use of the auxiliary table work to be sewed may be fed to the sewing machine needle 6 in the plane of the top surface 2 of the sewing machine base thereby greatly facilitating sewing and eliminating the inconvenience of raising and holding material as it is fed to the needle which was necessary when the material was supported on the supporting table 12 instead of on the auxiliary table top 7.

After a sewing operation when the portable sewing machine is no longer needed the auxiliary table is merely lifted upwardly off of the supporting table 12 out of engagement with the portable sewing machine thereby permitting the portable sewing machine and the auxiliary table to be stored away in a compact space.

Figures 3 and 4 illustrate a modified form of auxiliary table for use in combination with a portable type of sewing machine. In the modified form of the auxiliary table the reference numeral 13 indicates an auxiliary table top having pivotally attached to one end thereof a table extension 14. The two auxiliary table sections 13 and 14 are connected to one another by means of hinges 15 or other suitable means. Hingedly or pivotally supported on the bottom of each of the auxiliary table sections 13 and 14 are legs 16 which may be folded upwardly against the bottom surfaces of the table sections when the auxiliary device is not in use. Provided in the auxiliary table top section 13 is a rectangular opening 17 of a shape and size to permit the auxiliary table to be engaged downwardly over the base of the portable sewing machine similar to the arrangement illustrated in Figure 2. The foldable legs 16 of the auxiliary table are of a height sufficient to permit the top surfaces of the table sections 13 and 14 to be disposed at the level of the top surface 2 of the base of the portable sewing machine when the auxiliary table is in position for use.

After a sewing operation the auxiliary table may be lifted upwardly out of engagement with the base of the portable sewing machine after which the auxiliary table may be folded in half with the supporting legs 16 folded against the bottom surfaces of the table sections.

While two different types of auxiliary tables have been illustrated and described for use in combination with portable types of sewing machines it will of course be understood that other forms may be developed to embody the principles of the present invention.

It will also be understood that various details of construction may be varied through a wide range without departing from the principles of this invention and it is therefore not the purpose to limit the patent granted hereon otherwise than necessitated by the scope of the appended claims.

I claim as my invention:

1. A removable auxiliary work table having an opening defined by four sides, the said sides of said opening being constructed and arranged to be disposed about the base of a portable sewing machine supported on a substantiallly flat supporting surface for preventing a substantial relative movement of said table and machine in the plane of said surface, and means for supporting said work table in the plane of the top surface of said base of said machine and in spaced relation above said supporting surface.

2. A removable auxiliary work table of a single piece of material having an opening defined by four sides, the said sides of said opening being constructed and arranged to be disposed about the base of a portable sewing machine supported on a substantially flat supporting surface for preventing a substantial relative movement of said table and machine in the plane of said surface, and means for supporting said work table in the plane of the top surface of said base of said machine and in spaced relation above said supporting surfaces.

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