Feb. 28, 1950 G. GREENBERG 2,499,062

PLATFORM ATTACHMENT FOR WORK TABLES

Filed April 30, 1947

FIG. 1.

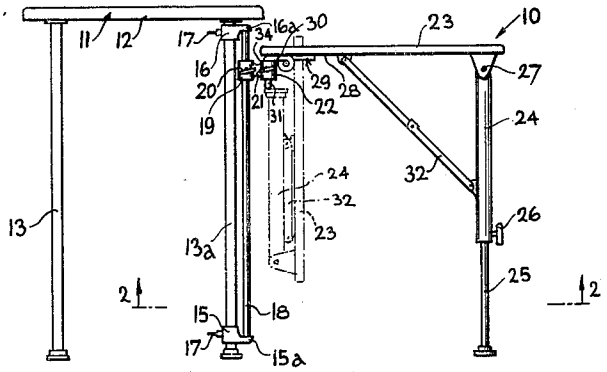


FIG. 2.

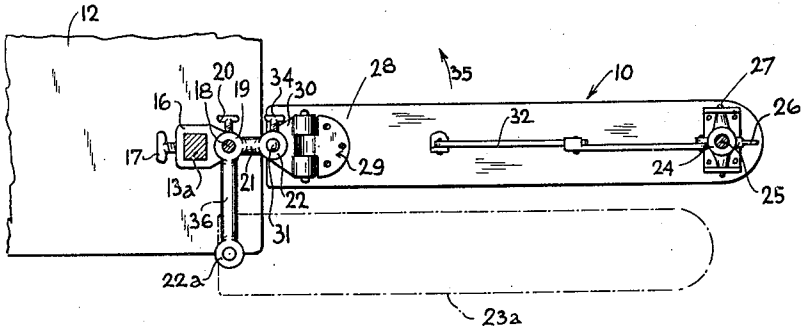


FIG. 3.

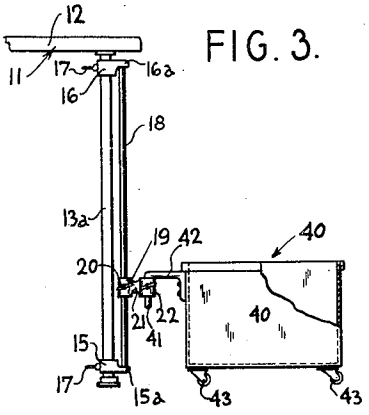


FIG. 4.

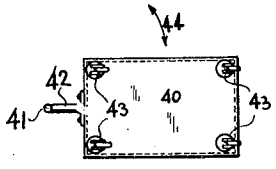
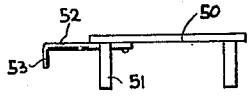


FIG. 5.



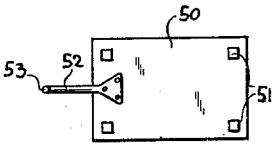


FIG. 6.

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PLATFORM ATTACHMENT FOR WORKTABLES

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2 Claims. (Cl. 311—17)

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This invention relates to attachments for work tables in shops, particularly for garment manufacturing, and has for its main object to provide a device to aid the operators in disposing of the finished pieces.

In garment manufacturing shops the arrangement usually is that a plurality of rows of work tables are set up on the floor at a desired distance from one another, the sewing machines being secured on the tables, and every operator will have a certain space to the right and left, and will sit in front of the respective sewing machine. The finished work, in such cases, accumulates in a speedy manner, and devices are necessary to stack the same until removed by the circulating service personnel.

My invention aims to provide such devices which will make the labor of the operator more comfortable, will make the stacking of the finished pieces more efficient and convenient, which will be adjustable by the respective individual operator, which will be adapted to be placed out of the way when not in use or when the day is done and the shop is to be cleaned.

Another object of my invention is to provide devices as characterized hereinbefore, which may be easily applied to existing working tables, and easily adjusted as necessary.

Still a further object of this invention is to provide devices of this character, which may be easily removed and exchanged with another one, when necessary.

In the drawings forming a part of this specification and accompanying the same:

Fig. 1 is a side view of a work table to which the preferred form of my invention has been applied, and

Fig. 2 is a partly sectional fragmentary bottom view thereof, the section being taken on the line 2—2 of Fig. 1;

Fig. 3 shows another form of my attachment applied in place of the one shown in Figs. 1 and 2;

Fig. 4 is a bottom view of the device proper of Fig. 3, and

Figs. 5 and 6 are side and bottom views of a third form of my attachment which may replace any of the two forms shown in the earlier figures.

Referring now to the drawings more in detail by characters of references, the numeral 10 indicates the preferred form of my work table attachment shown in Figs. 1 and 2, in general. The numeral 11 indicates the work table having a table top 12 and the legs 13 and 13a. The sewing machine (not shown), if we consider a garment working shop where such tables with sewing

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machines are arranged, would be secured on the table top 12, and the operator sits in front of it, where the attachment 10 is also employed.

On one leg 13a, preferably being to the left of the operator, are arranged lower and upper slidable sleeves 15 and 16, respectively, adapted to be secured in any of their positions, as by the set screws 17. A vertical rod 18 is set in front of the leg 13a, spaced apart therefrom and in parallelism therewith, being carried in the respective front extensions 15a and 16a of the sliding sleeves 15 and 16, secured in them by any appropriate means well known in this art. Preferably rod 18 is simply set into opposite recesses in the extensions 15a and 16a, as indicated in Fig. 1, so as to be removable.

An upwardly and downwardly slidable sleeve 19 is arranged on the rod 18 adapted to be secured in any of its positions, as by the set screw 20. A forward extension or arm 21 is provided on the sleeve 19 terminating in a ring 22.

The device shown in Figs. 1 and 2 is used when certain lighter types of articles, particularly garments, are manufactured, and these articles will be thrown on a horizontal plate 23, projecting forwardly from the work table 11 and commonly called a "horse."

In my invention the "horse" 23 will have a front leg 24 with a telescopically lower adjustable part 25 secured therein, as by the set screw 26, and being pivotally connected to the front end of the "horse" 23, as at 27.

At the inner end portion 28 of the "horse" 23, and on the underside thereof, is arranged a hinged device, generally indicated by the numeral 29, having an inner hinged member 30 which carries a downwardly projecting pin 31.

When it is desired to use the "horse" for throwing thereon the ready finished garment pieces, pin 31 will be set into the ring sleeve 22, the front leg members 24 and 25 adjusted to the right length, and a collapsible pivot brace 32 opened up, so as to keep the leg in its vertical position.

It will be obvious that the device shown in Figs. 1 and 2 and just described, has great superiority and inventive novelty over devices used at present for stacking the finished garments. It is reliably secured on the table and reliably supported on its leg, while at the same time, it is light in weight and inexpensive.

The height of the plate or "horse" 23 may be set by the operator, as desired, by sliding the sleeve 19 on the rod 18, upwardly or downwardly, and then adjusting the leg of the "horse" accordingly. As some operators prefer, the "horse"

may be placed at an oblique angle to the front edge of the table top, for which purpose a securing screw 34 for the pin 31 will be released and the "horse" swung on the said pin, usually towards the operator, as indicated by the arrow 35, and then it may be fixed by said set screw 34.

When the "horse" is not needed, or when the day's work is finished and the floor between the rows of work tables is to be cleaned, the brace 32 may be folded inwardly, whereupon the leg may be folded upwardly underneath the plate or "horse" 23, and then the whole device folded along the table leg 13a on the hinge 28, in a suspended position, as indicated by the dot and dash lines in Fig. 1.

In the embodiment shown in Figs. 1 and 2, I provide a second arm 36 on the sleeve 19, transversely to the arm 21, and terminating in a pivot pin receiving sleeve 22a similar to the sleeve 22. The purpose of this arm is that when it is desired, the pin 31 of the "horse" 23 may be placed into the sleeve 22a, and this way the horse will be a few inches further away from the operator, as indicated in an imaginary manner by the dot and dash lines 23a. In this manner the "horse" not only can be adjusted in an angular manner by swinging the same, but it also can be placed in two positions nearer to, or further away from, the operator, as desired.

In Figs. 3 and 4 I illustrate another attachment for work tables, particularly for the garment industry, secured on the table leg in a similar manner as the one described in Figs. 1 and 2. This attachment is in the form of an upwardly open box, generally indicated by the numeral 40, and commonly called a bin.

In my invention said bin may be employed on the table leg 13a in a similar manner as the "horse" 23 was employed, and it can replace the "horse."

In this embodiment also slidable sleeves 15 and 16 are arranged on a leg 13a of the table, carrying the rod 18 and the slidable sleeve 19 thereon, having the pivot pin receiving ring 22. The pivot pin 41, in this case, however, is carried by a bracket 42 secured on the bin 40, so that when it is desired to exchange the attachments, the "horse" device 23 will be simply folded up and then lifted off the sleeve 22, and the pin 41 of the bin placed therein, as indicated in Fig. 3, the height of the sleeve 19 being appropriately adjusted. The bin device is used when smaller objects are finished and they will be thrown into the same. It may have caster legs 43, and may be swung horizontally on pin 41, as indicated by the arrow 44. It also will be seen that the bin 40 is much lower than the "horse" 23.

In Figs. 5 and 6, finally, I show another modification of my attachment, secured and arranged on the same principle as the earlier modifications. This is simply a low table for stacking heavy products, like heavier garments. The top of this low table is indicated at 50, and it has four short legs 51, since it is desired to keep it low and permit a great number of heavy garments to be stacked on it, one over the other. It will have an arm

or bracket 52 secured on the underside thereof, projecting towards the table, and terminating in a pivot pin 53 by which it may be set into the sleeve 22 when the other devices have been removed, and it is desired to use this table.

What I claim as new and want to protect by Letters Patent of the United States, is:

1. In a platform attachment for work tables, having a top and legs, the combination of, a post secured on a leg in parallelism with and spaced apart from it, an upwardly and downwardly slideable ring on said post, a forward projection on said ring having a vertical recess, an elongated comparatively narrow plate member, a hinge device at one end on the underside thereof, a pin on said hinge device adapted to be rotatably placed into said recess, whereby said plate may rotate on a vertical axis and also may swing downwardly on said hinge, and an adjustable leg at the other end of said plate, said leg being adapted to be folded underneath said plate whereby said plate may be suspended from said hinge with its legs folded thereunder, or may be readily removed from, or attached to, said table, and said plate also may swing horizontally on said pin.

2. In a platform attachment for work tables, having a top and legs, the combination of, a post secured on a leg in parallelism with and spaced apart from it, an upwardly and downwardly slidable ring on said post, a forward projection on said ring having a vertical recess, an elongated comparatively narrow plate member, a hinge device at one end on the underside thereof, a pin on said hinge device adapted to be rotatably placed into said recess, whereby said plate may rotate on a vertical axis and also may swing downwardly on said hinge, said leg being adapted to be folded underneath said plate whereby said plate may be suspended from said hinge with its legs folded thereunder, or may be readily removed from, or attached to, said table, and said plate also may swing horizontally on said pin, slidable means for securing the top and bottom of said post on said leg, said post being removable from said upper and lower securing means.

GEORGE GREENBERG.

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