June 3, 1930. H. CHICKNAVORIAN 1,761,706

SPOTTING TABLE

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Fig. 1

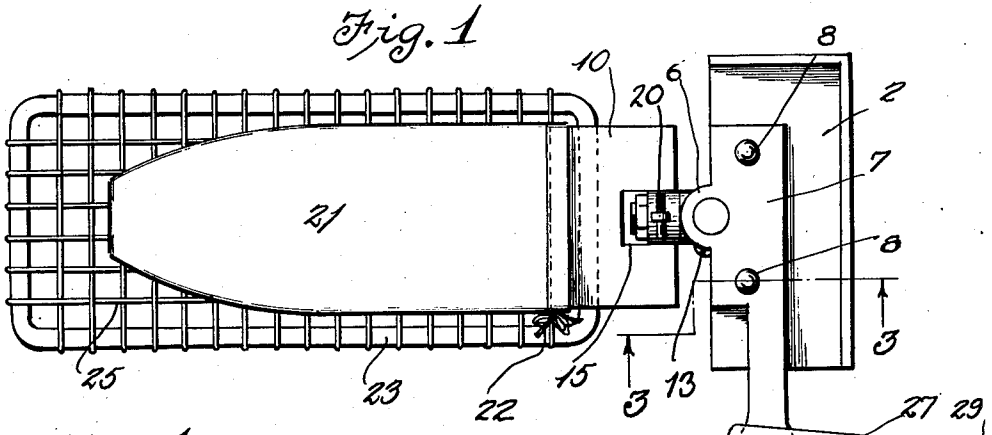


Fig. 4.

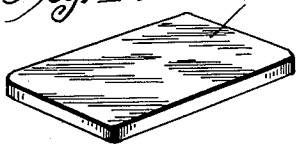


Fig. 5.

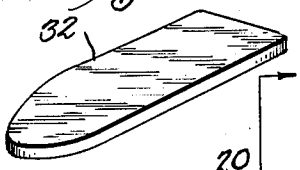
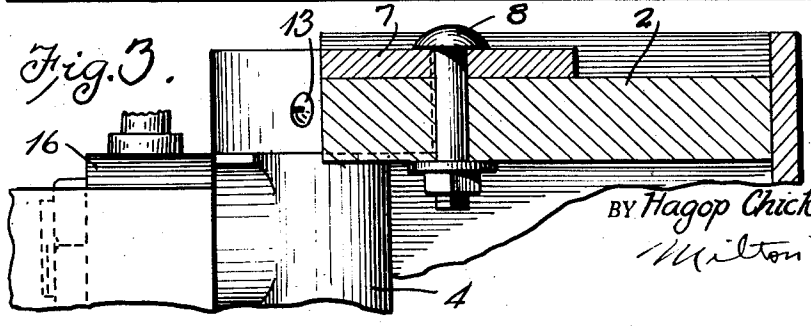


Fig. 2.

Fig. 3.



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Fig. 6.

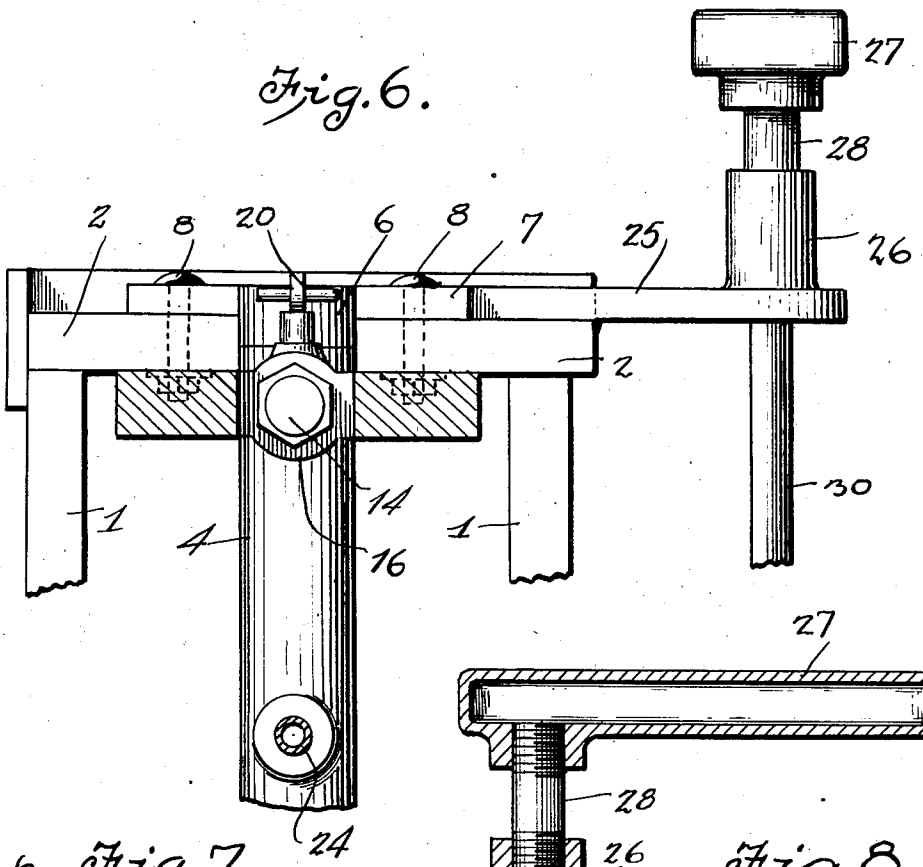


Fig. 7.

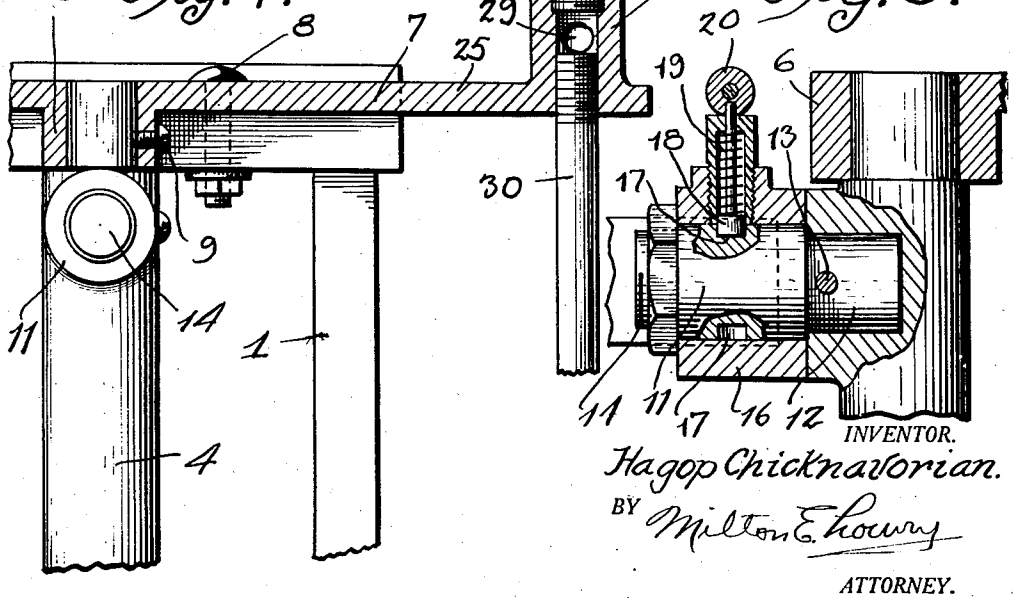


Fig. 8.

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UNITED STATES PATENT OFFICE

HAGOP CHICKNAVORIAN, OF FITCHBURG, MASSACHUSETTS

SPOTTING TABLE

Application filed April 6, 1929. Serial No. 353,158.

This invention relates to certain new and useful improvements in spotting table to be used in connection with the cleaning of garments, such as the removal of spots from silk or other garments and has for one of its objects to provide a board or table mounted upon a stand and horizontally disposed with the table mounted for rotary movement upon a horizontal axis to present either side thereof for use.

A further object of the invention is to provide a spotting table of the above type having a rack or tray disposed beneath the spotting table to support the overhanging portions of a garment and prevent dragging of the garment upon the floor, the spotting table and rack being mounted for limited horizontal swinging movement with the relative positions thereof remaining constant.

A further object of the invention is to provide a spotting table of the character above described in combination with a steam heated sleeve or puff iron that is imperforated and which may be employed for drying different portions of the garment that have been treated for spot removal and is also capable of use in drying or removing the wrinkles in either the body or sleeve of a garment being cleaned.

With the above and other objects in view that will become apparent as the nature of the invention is better understood, the same consists in the novel form, combination and arrangement of parts hereinafter more fully described, shown in the accompanying drawings and claimed.

In the drawings:—

Figure 1 is a top plan view of the spotting table constructed in accordance with the present invention showing the garment supporting rack disposed beneath the spotting table;

Figure 2 is a side elevational view of the machine showing the journaled vertical standard supporting the spotting table and garment rack;

Figure 3 is an enlarged detail sectional view taken on line 3—3 of Figure 1;

Figures 4 and 5 show perspective views of spotting glasses used for cleaning the body portions and sleeves respectively of garments;

Figure 6 is a vertical cross-sectional view taken on line 6—6 of Figure 2;

Figure 7 is a fragmentary longitudinal sectional view showing the steam heated sleeve or puff iron; and

Figure 8 is a detail sectional view showing the rotatable mounting and latch holder for the spotting table.

The frame structure supporting the spotting table comprises vertical standards 1 to the upper ends of which a cross head 2 is connected, the lower ends of the vertical standards 1 being suitably anchored to the floor 3 or other support. The vertical post 4 is rotatably mounted at its lower end in the floor plate 5 while the upper end of the post 4 is rotatable in the bearing collar 6 projecting laterally from the plate 7 that is anchored as at 8 to the upper side of the head 2, rotary movement of the post 4 being controlled by the set screw 9 threaded through the bearing collar 6 and adapted for holding the post 4 in its rotatably adjusted position.

A spotting table 10 is carried by the upper end of the post 4 and the mounting thereof includes a stud bearing 11 having one end 12 set into a side opening in the upper end of the post 4 and retained therein by the screw bolt 13, the outer end of the stud bearing 11 being reduced and threaded as at 14 for purposes presently to appear. The inner end of the spotting table 10 is provided with a central opening 15 and the outer end of said opening is spanned by a bearing collar 16 rotatably mounted upon the stud bearing 11. The upper and lower sides of the stud bearing 11 are provided with sockets 17 selectively to receive the head 18 of a tensioned pin 19 carried by the bearing collar 16 and operable by the finger piece 20 for removing the pin head 18 from one of the sockets 17 when it is desired to reverse the spotting table 10 so that either side of the spotting table may be upwardly disposed. The tensioned pin 19 securely anchors the spotting table in its adjusted position. A fabric apron or boot 21 incloses the spotting table 10 with the open inner end thereof provided with a tie

cord 22 for anchoring the boot to the table, the boot being removable for cleaning and replacement.

A tray or rack is carried by the vertical post 4 beneath the spotting table 10 for supporting garments overhanging from the table, the rack including a rectangular frame 23 having an end arm 24 anchored to the post 4 in a manner for the rack to be disposed directly beneath the spotting table. A cord mesh 25 or other covering is associated with the frame rack 23 for the support of overhanging garments.

The plate 7 carries an end extension arm 25 projecting laterally of the frame head 2 with a hollow bearing 26 projecting perpendicularly from the outer end thereof. An imperforate hollow sleeve or puff iron 27 has a pipe connection 28 with the upper end of the hollow bearing 26 while a valve controlled steam inlet pipe 29 communicates with the hollow bearing 26 for supplying steam to the puff iron 27 for heating the same, the steam exhausting through the valve controlled outlet pipe 30 communicating with the lower end of the hollow bearing 26.

The garment to be cleaned is placed on the fabric boot 21 of the spotting table 10 and overhangs therefrom to be supported by the rack 23 and when the cleaning solution is used to the extent of causing a saturation of the adjacent side of the boot 21, the spotting table 10 may be reversed by operating the tensioned pin 19 shown in Figure 8 for presenting the other side of the spotting table upwardly. When both sides of the boot 21 have become saturated and incapable of further use, the boot may be removed and a new one substituted in its place. It frequently requires that a glass base be provided for the removal of certain spots from silk and other garments and in such instances, the glass plate 31 shown in Fig. 4 is placed on the boot 21 and the garment laid on the glass plate, the form of plate shown in Fig. 4 being used when it is desired to remove spots from the body portion of the garment. In the case of work upon a sleeve requiring a glass base, the form of glass 32 shown in Fig. 5 is placed on the boot 21 beneath the sleeve of the garment. The sleeve or puff iron 27 may be utilized for drying the dampened and cleaned portions of a garment and may also be utilized for pressing and the removal of wrinkles and creases.

From the above detailed description, it is believed that the construction and operation of the invention will at once be understood, and while there is herein shown and described the preferred embodiment of the present invention, it is nevertheless to be understood that minor changes may be made therein without departing from the spirit and scope of the invention as claimed.

I claim:—

1. In a device of the character described, a frame stand, a vertical post rotatable therein, a spotting table carried by the upper end of the post, and a garment rack on the post beneath the spotting table.

2. In a device of the character described, a frame stand, a vertical post rotatable therein, a spotting table carried by the upper end of the post, a garment rack on the post beneath the spotting table, and said table being reversibly mounted.

3. In a device of the character described, a post and a spotting table reversibly mounted thereon.

4. In a device of the character described, a post and a spotting table reversibly mounted thereon at one end to present either side of the spotting table upwardly.

5. In a device of the character described, a post and a spotting table reversibly mounted thereon at one end, the mounting including a horizontal bearing, and a latch pin cooperating with the spotting table and bearing to hold the table reversely positioned with either side thereof upwardly disposed.

6. In a device of the character described, a post and a spotting table reversibly mounted thereon at one end, the mounting including a horizontal bearing, and a tensioned pin carried by the table engageable with the bearing for holding the table reversely positioned with either side thereof upwardly disposed.

7. In a device of the character described, a post and a spotting table reversibly mounted thereon at one end, the mounting including a horizontal bearing, a latch pin cooperating with the spotting table and bearing to hold the table reversely positioned with either side thereof upwardly disposed, and a garment rack on the post beneath the spotting table.

8. In a device of the character described, a post and a spotting table reversibly mounted thereon at one end, the mounting including a horizontal bearing, a tensioned pin carried by the table engageable with the bearing for holding the table reversely positioned with either side thereof upwardly disposed, and a garment rack on the post beneath the spotting table.

In testimony whereof I affix my signature.

HAGOP CHICKNAVORIAN.