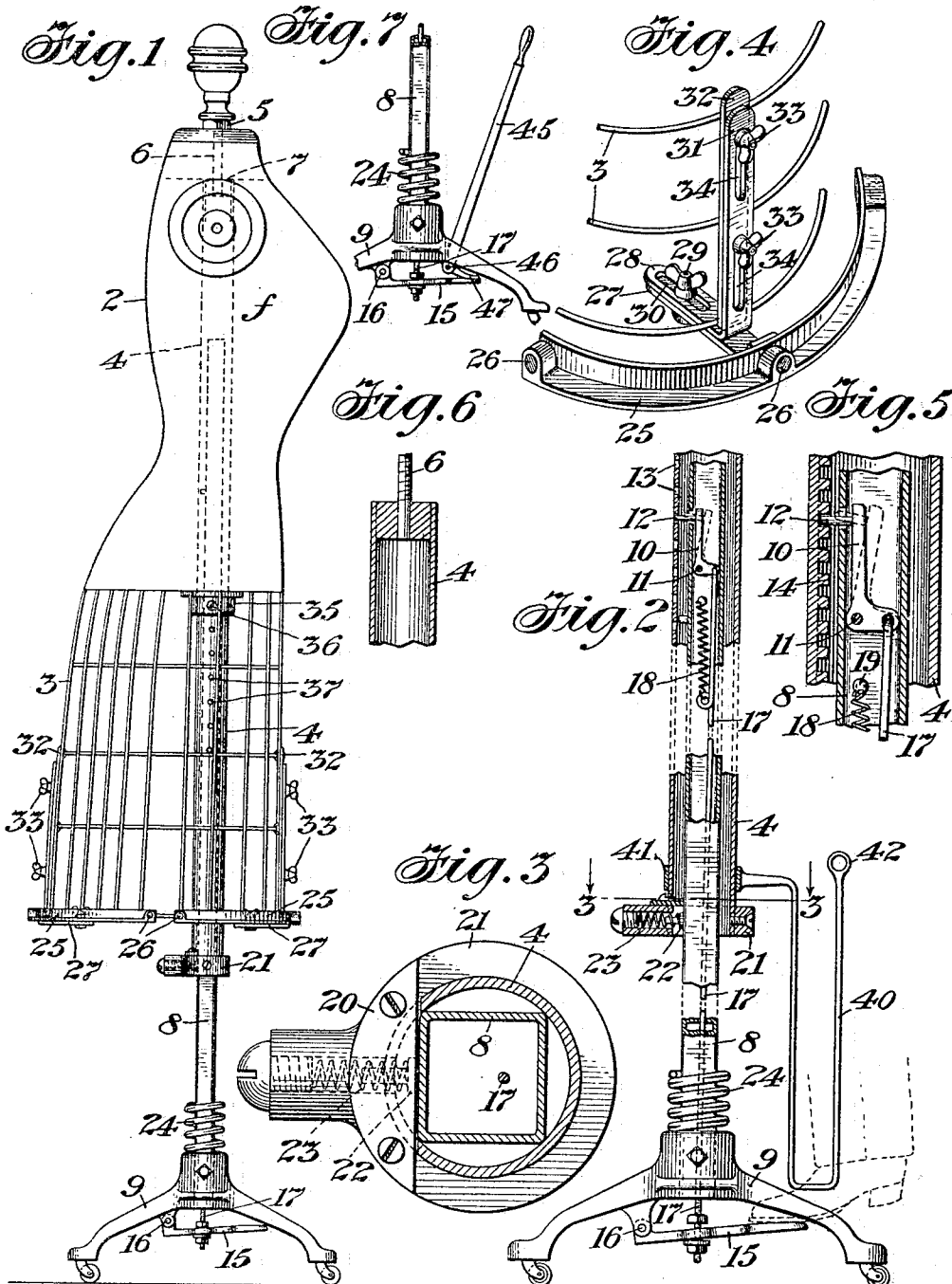


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DRESS FORM.
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DRESS-FORM.

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To all whom it may concern:

Be it known that I, GEORGE W. WEISS, a citizen of the United States, and resident of New York, borough of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Dress-Forms, of which the following is a specification.

My invention relates to dress-forms and particularly to dress-forms of the type embodying a vertical supporting standard on which the form proper is mounted, the said standard usually having a wheeled base as a means by which the form may be readily and conveniently shifted about.

In dress-forms of this type it is desirable that the form proper should be capable of being raised and lowered on its supporting standard in order that its height from the floor or other support may be regulated to meet the requirements of the user.

It has therefore been one of the objects of my present invention to provide a simple and conveniently operated means for fastening the form proper in vertically adjustable position on its supporting standard and for releasing the same whenever desired to permit of any required adjustment.

To such end my invention in one embodiment thereof, comprises the combination of a tubular supporting standard, a form having an attached tube slidably connected with said standard, a latching device mounted within the standard and operative to normally engage one of a vertically arranged series of locking detents in the form tube to fasten the form in adjustable connection with the standard, and controlling means for releasing said latching device to permit of vertical adjustment of the form, said controlling means preferably comprising a lever at the base of the supporting standard operatively connected with the latching device by connections extending through the tubular standard. These several features of invention, as well as others not yet referred to, will be hereinafter described in detail in connection with the accompanying drawings illustrating the same, in which,—

Figure 1 is a side elevation of a dress-form embodying the invention. Fig. 2 is an enlarged detail in elevation and section, illustrating the adjustable connection between the supporting standard and the form tube and the latching means therefor. Fig. 3 is an enlarged cross-section taken on the

line 3—3 of Fig. 2, looking in the direction of the arrows. Fig. 4 is an enlarged detail in perspective, illustrating a gage at the lower end of the form and its adjustable connection with the latter. Fig. 5 is an enlarged sectional detail illustrating a modified form of latching means between the supporting standard and the form tube. Fig. 6 is an enlarged section of the upper end of the form tube at its point of connection with the form. Fig. 7 is a detail illustrating a latch-releasing means which embodies a hand-lever for operating the foot-actuated lever shown in Figs. 1 and 2.

Similar reference characters designate like parts in all of the figures of the drawings.

The dress-form proper, indicated generally by the reference letter *f*, may be of any desired form or construction, the same as here shown comprising an upper or waist portion 2, of papier-mâché or like material, and a lower or skirt portion 3 of wire. This form is provided with a tube 4 extending about centrally therethrough and having a rigid connection therewith, the connection being effected as here shown by means of a fastening-nut 5 engaging a projecting threaded stem 6 of the tube at the top of the form and holding the upper end of the tube against a shoulder 7 within the form, as clearly shown in Fig. 1.

The form *f* by means of its connected tube 4 has a sliding connection with the vertical supporting standard 8 which latter is here shown as mounted on a wheeled base 9. As a means for holding the form in vertically adjusted position on the standard, a suitable latching device is provided which is shown in the present case as comprising a bell-crank 10 pivotally mounted at 11 within the tubular standard 8 and having a pin 12 on its vertical arm projecting laterally through an opening in the standard to a position of engagement with one of a vertically arranged series of locking detents in the form tube; these locking detents as shown in Figs. 1 and 2 being formed by openings 13 in the form tube, and as shown in Fig. 5 being formed by a series of teeth or projections 14 suitably located on the inner wall of the form tube. When the latching device is in engagement with one of these detents the form will be positively locked against vertical movement in either direction on the standard.

As a means to release the locking device, that is, move it to unlocking position, I have provided a controlling means comprising a foot-lever 15 pivoted to the base of the standard at 16 and operatively connected with the horizontal arm of the latching device by a link or connecting rod 17 extending through and inclosed by the tubular standard 8, in the manner clearly shown in Fig. 2. With this latch controlling means, whenever it is desired to adjust the form vertically on its standard, the operator or user will release the latching device by merely pressing downward upon the foot-lever 15, as indicated by the dotted lines in Fig. 2. In this way the operator may have the use of both hands for raising or lowering the form if so desired, and when the form has been adjusted to the desired height, the foot-lever will be released and the latching device thereupon automatically returned to locking position under the action of a spring 18, which latter connects at one end with the rod 17 and at its opposite end with a pin 19 in the standard, as shown in Fig. 5. In some instances it may be desirable to release the locking device by hand power instead of by foot power, and I provide for this in the present case (see Fig. 7) by pivoting an elbow-lever to the standard base at 46 with one arm 45 suitably arranged to serve as an operating handle and the other arm 47 arranged to engage the foot-lever 15, whereby, upon moving the arm 45 in the proper direction, it will cause the arm 47 to depress said foot-lever and thereby release the locking device in the manner hereinbefore described.

As a means for raising or lowering the form when released by the locking device, the form may be provided with a suitably attached handle so arranged as to be conveniently grasped by the operator. Such a handle is shown in Fig. 2, and comprises a U-shaped portion 40 having at one end a collar 41 for rigid attachment with the form-tube 4 and at its opposite end a suitable handle portion 42; the U-shape of the handle being provided to locate the operating or handle end 42 outside of a hanging skirt without interference with the latter.

In order to prevent turning of the form on its standard and so maintaining the locking detents in operative relation to the latching device, the form tube 4 is provided adjacent its lower end with a plate 20 having a straight side engaging one of the sides of the standard 8 as shown in Fig. 3, the said standard as here shown being square or rectangular in cross-section.

In effecting the vertical adjustment of the form on the standard, it may happen that the user will release hold of the form either by accident or otherwise, in which event it is desirable that the form should be pre-

vented from dropping with sudden impact against the base of the standard and so incurring liability of breakage or other damage resulting. To prevent such dropping of the form, I have secured a collar 21 on the lower end of the form tube having a braking device 22 mounted therein which is normally held by a spring 23 in frictional or braking contact with one side of the standard. With this braking device, any dropping or downward movement of the form on the standard will be so retarded as to avoid possibility of any damage resulting. As a further safeguard under the same circumstances, I have located a coiled spring 24 about the lower end of the standard which will serve as a spring-buffer to receive the contact of the form tube in the event of its dropping to such point.

At the lower end of the form and at the front and rear sides thereof I have attached a skirt gage and distender comprising segmental or arc-shaped bands 25, 25, here shown as having inserts 26 of cork or similar material to receive pins or like devices for fastening the skirt to the form. These gage members in accordance with my invention are each connected with the form in a manner to be capable of both horizontal and vertical adjustment. The means for accomplishing this as here shown is as follows: An arm 27 of each gage member has a horizontally adjustable connection with the lower arm 28 of an L-shaped bracket on the form by means of a suitable clamping device 29 engaging the arm 28 through an elongated slot 30 therein, and the vertical arm 31 of said L-shaped bracket has a vertically adjustable connection with a plate 32 on the form by means of suitable clamping devices 33 engaging the arm 31 through elongated slots 34 therein, all as clearly shown in Fig. 4. The means for supporting the gage members to effect the adjustments referred to may be more or less materially modified without departure from my invention.

As hereinbefore described, the form tube 4 is connected with the form proper at the upper end of the latter by means of the elements 5, 6 and 7. This connection may in some instances be sufficient, but in order to obtain a more rigid connection between said parts I preferably provide a further connection between the same at the lower end of the bust or waist portion 2. This further connection, as here shown, comprises a collar 35 on the tube 4 engaging the under side of the waist portion 2 as shown in Fig. 1, the said collar being adjustable on the tube to accommodate different lengths of forms by means of a fastening screw 36 carried by the collar and engaging the tube within one of a vertically arranged series of openings 37 therein.

What I claim is:—

1. A dress-form comprising a tubular supporting standard, a form vertically adjustable thereon, latching means for holding the form in adjusted position on the standard, a foot-lever adjacent the base of the standard, and connections from said lever to the latching means extending through the tubular standard and permitting of the release of the latching means by said lever.

2. A dress-form comprising a tubular supporting standard, a form having an attached tube slidably connected with said standard and provided with a vertically arranged series of locking detents, a spring-pressed latching device connected to the standard and normally engaging one of said detents to hold the form in adjusted position on the standard, a foot-lever adjacent the base of the standard, and connections from said lever to the latching device extending through the tubular standard and permitting of the release of the latching device by said lever.

3. A dress-form comprising a vertical supporting standard, a form slidably mounted thereon, a latching device for holding the form in adjusted position on the standard, and a braking device operative to control the sliding movement of the form on the standard when the form is released by the latching device.

4. A dress-form comprising a vertical supporting standard, a form slidably mounted thereon, a latching device for holding the form in adjusted position on the standard, and a braking device connected with the form for movement therewith and coöperative with the standard to control the sliding movement of the form thereon when the form is released by the latching device.

5. A dress-form comprising a vertical supporting standard, a form having an attached tube slidably connected with the standard, a latching device for holding the form in adjusted position on the standard, and a spring-pressed braking device connected with the form tube and coöperative with the standard to control the sliding movement of the form thereon when the form is released by the latching device.

6. A dress form comprising a vertical supporting standard, a form slidably mounted

thereon, and means for holding the form in a vertically adjustable position on the standard, said form having a vertically adjustable skirt-gage and distender comprising arc-shaped bands adjustably attached to the lower end of the form.

7. A dress form comprising a vertical supporting standard, a form slidably mounted thereon, and means for holding the form in a vertically adjustable position on the standard, said form having a horizontally adjustable skirt-gage attached to its lower end.

8. A dress form comprising a vertical supporting standard, a form slidably mounted thereon, and means for holding the form in a vertically adjustable position on the standard, said form having a vertically and horizontally adjustable skirt-gage attached to its lower end.

9. A dress form comprising a vertical supporting standard, a form slidably mounted thereon, a latching device for holding the form in adjusted position on the standard, a braking device operative to control the sliding movement of the form on the standard when the form is released by the latching device, and a buffer spring to resiliently check the form in the event of accidental dropping thereof on the standard.

10. A dress-form comprising a vertical supporting standard, a form vertically adjustable thereon, latching means for holding the form in adjusted position on the standard, controlling means embodying a pivoted foot lever for releasing said latching means, and a pivoted lever acting on the foot lever.

11. A dress-form comprising a vertical supporting standard, a form vertically adjustable thereon, latching means for holding the form in adjusted position on the standard, and a U-shaped handle connected to the form for adjusting its position when released by the latching means, the U-portion of the handle being arranged to receive the lower edge of the skirt hanging on the form.

Signed at New York, in the county of New York, and State of New York, this 26th day of June, A. D. 1913.

GEORGE W. WEISS.

Witnesses:

BERNARD DRACHENBERG,
C. W. COUMBE.