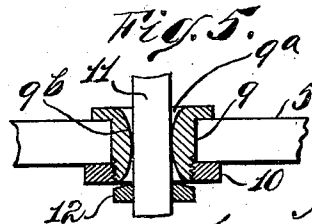
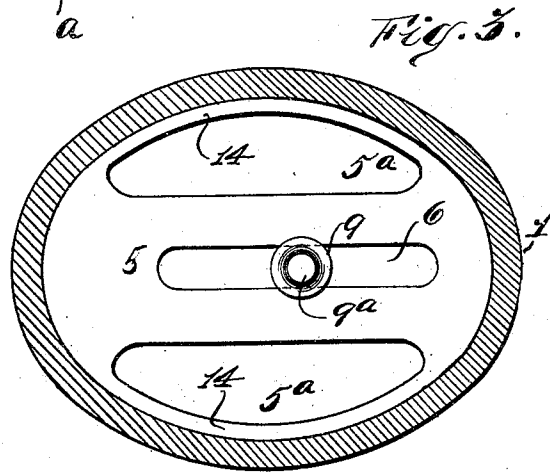
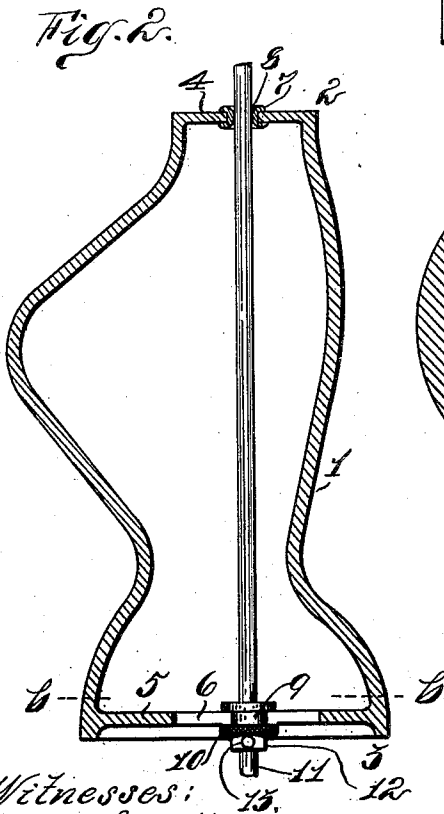
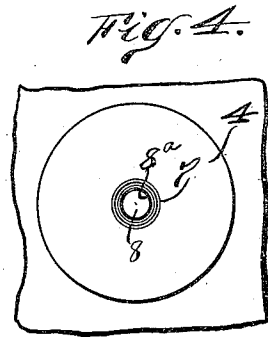
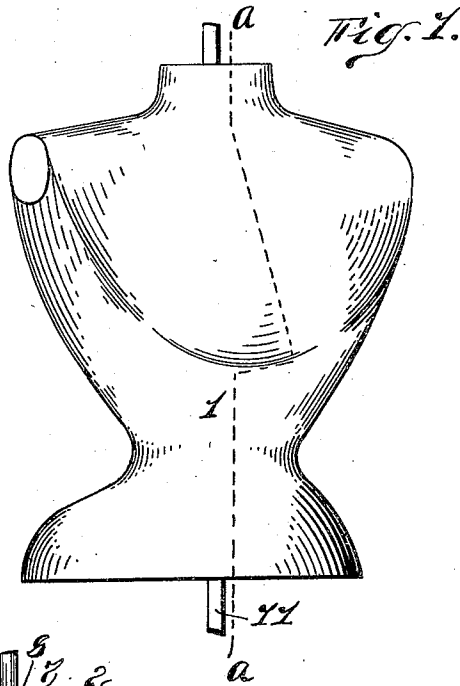


I. LEVIN.
BUST FORM.

APPLICATION FILED AUG. 10, 1908. RENEWED AUG. 8, 1909.

934,922.

Patented Sept. 21, 1909.



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UNITED STATES PATENT OFFICE.

ISAAC LEVIN, OF BROOKLYN, NEW YORK.

BUST-FORM.

934,922.

Specification of Letters Patent. Patented Sept. 21, 1909.

Application filed August 10, 1908, Serial No. 447,701. Renewed August 6, 1909. Serial No. 511,649.

To all whom it may concern:

Be it known that I, ISAAC LEVIN, a citizen of the United States, residing at Brooklyn, Kings county, State of New York, have invented certain new and useful Improvements in Bust-Forms, of which the following is a clear, full, and exact description.

This invention relates to bust-forms.

The object of this invention is to produce a bust-form, the strengthening means for which comprises elements integral with the body of the form.

It is usual in bust-forms to mold or otherwise form the said bust-forms with open ends, that is to say an open top and an open bottom, and to strengthen the said open ends, wooden fillers are afterward inserted. The inserting of the said wooden fillers is, compared to the expense of molding the form proper, an expensive operation, to say nothing of the weight added. To prepare the said wooden fillers for insertion requires measuring, cutting and fitting, the cost of the labor of which adds to the expense of the form. To obviate the necessity of inserting the said wooden fillers whereby the weight and cost of the form are reduced, I preferably mold, or otherwise form, integral with the material of the bust-form, strengthening elements, which may or may not be composed of the same material as the form proper. As the said strengthening elements are preferably molded or otherwise formed, while the form proper is being made, the cost of the form is greatly reduced.

I will now proceed to describe my invention, the features of which I will finally claim, reference being had to the accompanying drawing, wherein:—

Figure 1 illustrates a perspective view of a bust-form; Fig. 2 is an enlarged vertical sectional view taken on a line *a—*a** in Fig. 1; and looking in the direction of the arrow. Fig. 3 is an enlarged sectional plan view taken on a line *b—*b** in Fig. 2; Fig. 4 is an enlarged top plan view showing the closed upper end of the bust-form; and Fig. 5 is an enlarged vertical sectional detail view of the adjustable support, for the supporting rod of the bust-form.

Referring now to the drawing, 1 indicates a bust-form, which may be made from papier-mâché or any other suitable material. Referring to Fig. 2 the upper, or neck portion, of the bust-form is indicated by 2, while the lower, or hip portion, is indicated

by 3. To carry out the purpose of my invention, the neck portion 2 is closed by a head 4, the said head being formed integral with the bust-form as shown. The head 4 strengthens the neck portion 2 and prevents the said neck portion from being collapsed. Integral with a portion of the material at the hip portion 3 of the form, I mold, for instance, a strengthening strip 5. Between the strip 5 and the front and back of the form 1, spaces 5^a are left, for the purpose of withdrawing the mold, which is made up of sections. In the strip 5 I form an elongated opening 6, which is adapted to receive an adjustable support. In the head 4, of the neck portion 2, I place a metallic ferrule 7, the said ferrule being provided with a bore 8, the diameter of which gradually decreases from the ends to the middle, as shown at 8^a. The purpose of thus forming the bore with a gradually decreasing diameter is to permit of a certain amount of angular movement relative to the rod 11 of the bust form. If the bore 8 were a straight bore, the form could not be moved except longitudinally of the rod.

Within the opening 6, I place an adjustable support 9 having a bore 9^a, the diameter of which gradually decreases from the ends to the middle, as indicated by 9^b for the purpose above mentioned. The lower end of the support 9 is threaded and adapted to receive a clamping nut 10. When it becomes desirable to shift the support 9 within the opening 6, the nut 10 is unscrewed, whereby the support 9 is rendered free to move; when the support 9 has been adjusted to the desired position, the nut 10 is then caused to clamp the support in position. The bore of the ferrule 7, in the head 4 and the bore 9^a of the support 9 are adapted to receive a supporting rod 11 for the form 1. The form may be adjusted longitudinally of the rod 11 and held in any desired position by a collar 12, and a set screw 13 therefor. To further brace the lower end of the bust form, I provide a flange 14, preferably of the same material as the form and integral therewith.

If it should be desirable to set the form at an angle relative to the supporting rod, it is but necessary to unscrew the nut 10 and move the form, at the hip portion 3, backwardly or forwardly and then cause the nut to clamp the support in position. The form 1 may be taken from the rod 11 and set on the table or other suitable object. It is

quite obvious that my improved bust-form is superior to the bust-forms now in general use. As the forms now in use are provided with wooden heads at the top and bottom thereof, they are comparatively heavy, and for that reason are somewhat unhandy for the average woman to handle. In the manufacture of my improved bust-form, I preferably use papier mâché and for that reason the reinforcing elements therefor will also be of papier mâché and formed integral with the body of the bust-form. By making the form in the above mentioned manner, and from the above mentioned material, an exceedingly light and comparatively inexpensive bust-form is produced.

My improved bust-form is far superior to the present bust-form as far as weight and expense are concerned.

Having now described my invention, what I claim and desire to secure by Letters Patent is:

1. A one-piece papier mâché bust-form provided with a reinforced upper end and a reinforced lower end, said reinforcements being integral with the material of said form.

2. A one-piece papier-mâché bust form provided with a reinforced upper end, a ferrule in said reinforcement provided with a bore, said reinforcement being integral with the material of said form, a strengthening strip adjacent to the lower end of said form, and integral therewith, provided with an elongated slot, a supporting element, adapted for adjustment, carried by said slot, a sup-

porting rod for said form adapted to pass loosely through said supporting element and the bore of the ferrule in the top of said form, and an adjustable collar carried by said supporting rod adapted to sustain said form.

3. A one-piece papier-mâché bust form provided with a reinforced upper end, said reinforcement being integral with the material of the form, a ferrule in said reinforcement provided with a bore the diameter of which gradually decreases from the ends to the middle, a strengthening strip adjacent to the lower end of said form provided with an elongated slot, a supporting element, provided with a bore whose diameter gradually decreases from the ends to the middle, adjustably mounted in said slot, a supporting rod for said form adapted to pass loosely through the bores of said supporting element and said ferrule, and a collar carried by said rod adapted to sustain said form.

4. A one-piece bust form having a reinforced upper end, said reinforcement being integral with the material of said form, and a strengthening strip integral with said form adjacent to the lower end thereof, the bottom of said form being open on opposite sides of said strip.

Signed at New York city, N. Y., this 7th day of August, 1908.

ISAAC LEVIN.

Witnesses:

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