

O. C. DENNIS.
BUST FORM.
APPLICATION FILED AUG. 6, 1908.

Patented July 30, 1912.

1,033,788.

Fig. 1.

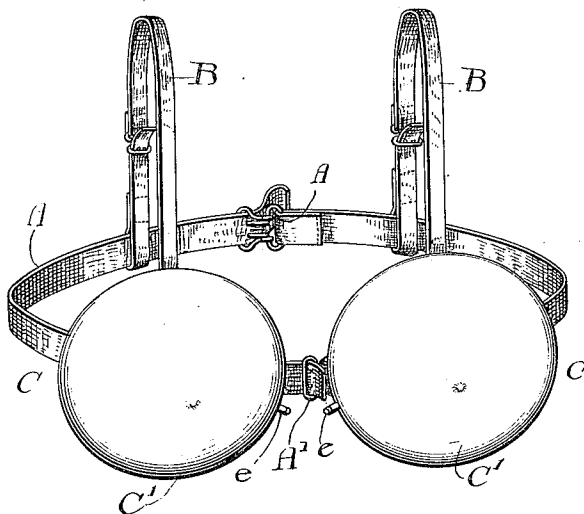


Fig. 2.

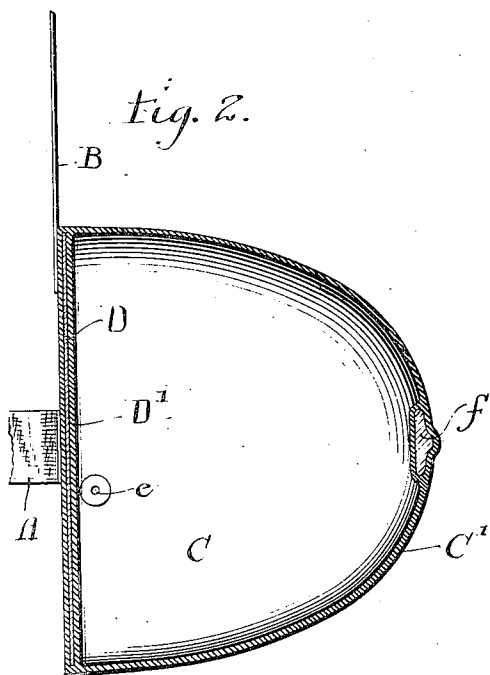
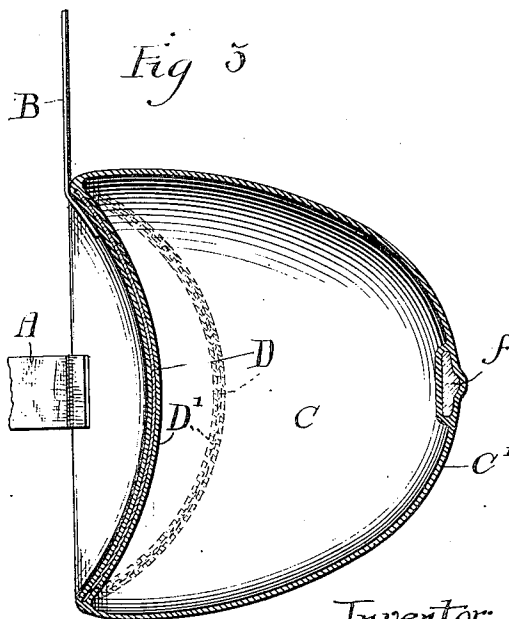


Fig. 3.



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UNITED STATES PATENT OFFICE.

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BUST-FORM.

1,033,788.

Specification of Letters Patent.

Patented July 30, 1912.

Application filed August 6, 1908. Serial No. 447,194.

To all whom it may concern:

Be it known that I, OLIVER C. DENNIS, a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Bust-Forms, of which the following is a full, clear, and exact description.

The invention relates to bust forms and designs to provide an improved device, designed to supply any natural deficiency of form and to support the breasts, which will effectively give the appearance of the natural bust, and which may be readily fitted to different breasts and worn with comfort.

It is now common practice to make breast-forms or pads of an elastic or flexible casing to hold air under pressure and to form the back of the form, of flexible or resilient material, such as rubber, and resultantly the back of the pneumatic form would, in use, exert pressure on the glandular structure of the breast and nipple and render the wearer uncomfortable; particularly if the breasts were somewhat developed so that they would be compressed between the ribs of the wearer and the back of the bust-form. The invention designs to overcome this objection by providing a comparatively stiff back for the pad, this back being sufficiently stiff to remain unaffected by air-pressure in the pad, so that the pad will fit nicely and comfortably around the breast, the pressure of back of the pad being evenly distributed throughout the entire area of the breast. Or, if desired to avoid pressure against the glandular structure of the breast, the back of the pad may be fitted so its outer edge portion will rest against the body of the wearer, a pocket being formed in the back of the pad to receive and comfortably support the breast. Further this back is formed of pliable material so that it may be bent into different shapes and nicely fitted to the wearer, to avoid discomfort in use.

The invention further designs to construct the bust-forms so that when worn, they will not have the appearance of lifeless members, but will vibrate responsively to movements of the wearer.

The invention consists in the several novel features of construction hereinafter set forth and more particularly defined by claim at the conclusion hereof.

In the drawings; Figure 1. is a perspective of a bust-form embodying the invention, Fig. 2 is a section through one of the pneumatic

pads. Fig. 3 is a similar view showing the back of the pad adjusted to form a cavity or pocket to receive and support a breast.

The improved form comprises a pair of pneumatic or inflatable pads, one for each breast, these being usually connected by an adjustable band A adapted to pass around the back of the person to hold the pads laterally. A buckle A¹ is provided so that the relative position of the pads may be adjusted to fit different bosoms. The pads are sustained vertically by adjustable shoulder straps B. The bands and shoulder straps are secured to the backs of the pads. Each pad consists of a casing C adapted to contain air under pressure and its front C¹ is convex to fill out the bosom over which it is worn. The casing is formed of suitable flexible or elastic material such as rubber. The back D of each pad consists of a thin plate of pliable material, such as aluminum, which may be normally flat as shown in Fig. 2 and is suitably covered with rubber or other suitable lining material at both faces as at D¹.

If desired the plate may be secured to the casing by molding it in or cementing it to the rubber lining D¹ formed integral with the casing, so that the chamber in the casing will be air-tight. This pliable and comparatively stiff back-plate permits the back of the pads to be bent into more or less concave form, as shown in Fig. 3, to form a pocket for and support the breast, and when thus bent to inherently retain its concave shape so that it will fit around the breast and remain unaffected by air-pressure in the casing, thus avoiding uncomfortable pressure against the glandular portion of the breast and nipple. Furthermore, the back, thus constituted may be bent into varying degrees of concavity so the pad may be snugly fitted to the wearer and worn without discomfort. Furthermore the concave back of the pad serves to support the breast. Each pad is provided with a suitable valve *e* or means by which the casing may be inflated.

In use, when pneumatic pads are inflated and covered by garments, the bosom is sometimes rather lifeless in appearance, due to the inflated pads which do not readily or freely respond to the movements of the wearer's bosom. To overcome this appearance, a weight *f* is molded into the front of the casing C, and under the influence of the body is suspended at the front of the pad

and sets the front in motion so that it will vibrate freely in response to any movement of the body of the wearer.

5 The invention is not to be understood to be restricted to the precise details set forth, since these may be modified within the scope of the appended claim without departing from the spirit and scope of the invention.

10 Having thus described the invention, what I claim as new and desire to secure by Letters Patent is:

A pneumatic bust-pad, the combination of an inflatable casing forming the front of the pad, a pliable comparatively stiff back-plate, said casing being held by said pres- 15 sure only, and a weight secured wholly within the casing and to the front thereof, so that it will cause vibration of the front.

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Witnesses:

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