No. 842,877. PATENTED FEB. 5, 1907.

C. FRANKEL.

GARMENT FORM.

APPLICATION FILED MAR. 23, 1906.

2 SHEETS—SHEET 1.

Fig. 1.

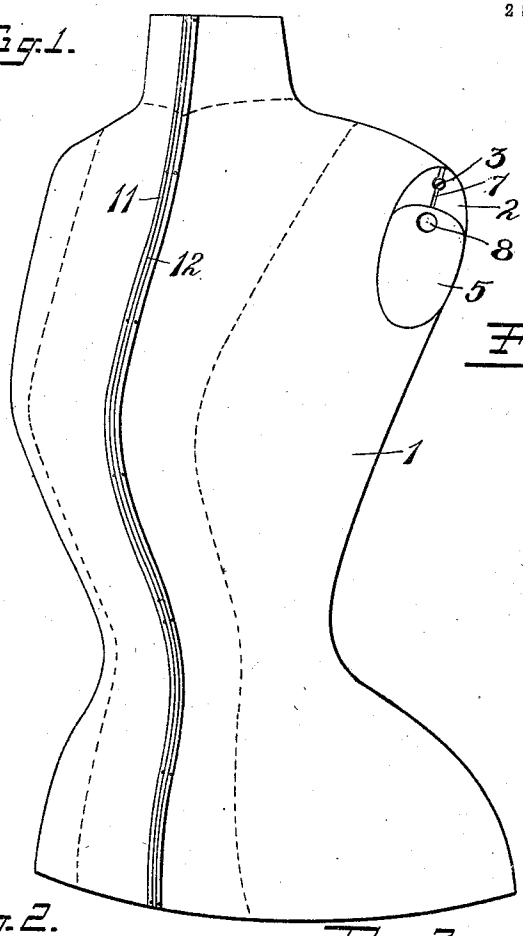


Fig. 5.

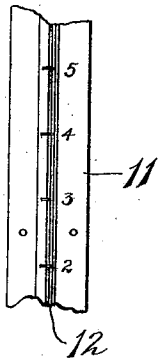


Fig. 6.

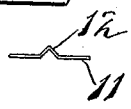


Fig. 2.

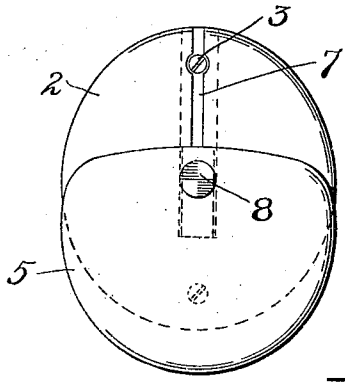


Fig. 3.

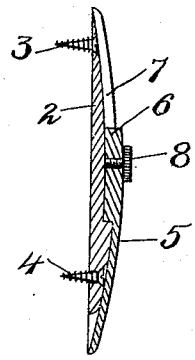
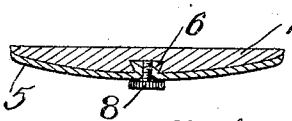


Fig. 4.



Witnesses

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2 SHEETS—SHEET 2.

Fig. 7.

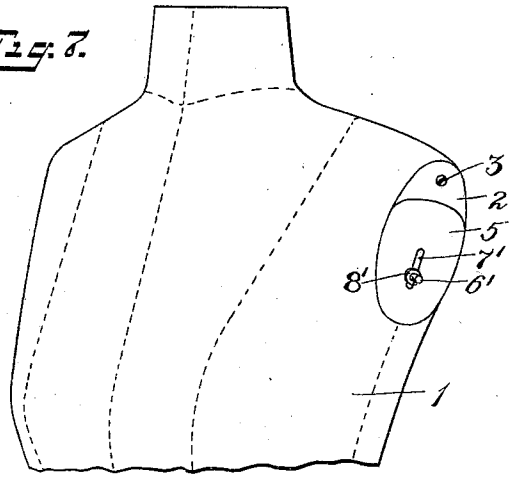


Fig. 8.

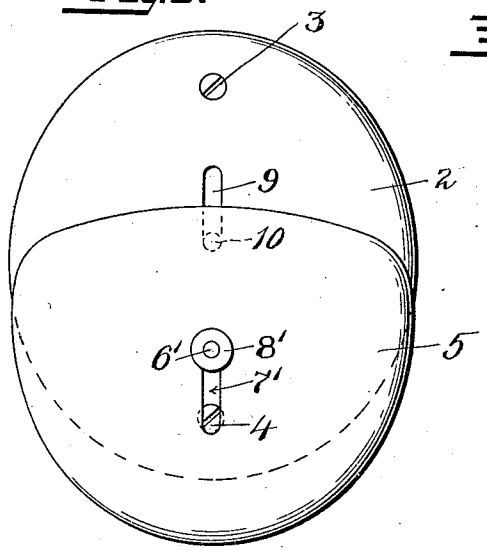
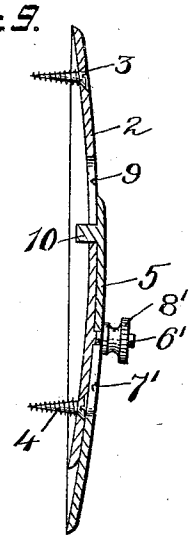


Fig. 9.



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GARMENT-FORM.

No. 842,877. Specification of Letters Patent. Patented Feb. 5, 1907.

Application filed March 23, 1906. Serial No. 307,728.

To all whom it may concern:

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

My invention relates to forms for fitting garments, and particularly to means for facilitating the taking of measurements.

Figure 1 is a perspective view of a form embodying my invention. Fig. 2 is a detail view of the arm-plates in extended position. Fig. 3 is a vertical section. Fig. 4 is a horizontal section of the same. Fig. 5 is a fragmentary view of the front measuring-strip. Fig. 6 is a section of the same. Fig. 7 is a perspective view of a bust with another form of arm-plate attached and involving my invention. Fig. 8 is a view of the arm-plate detached. Fig. 9 is a sectional view of the same.

1 indicates the bust or form upon which the garment is ordinarily fitted. Adjustable arm-plates are attached at each shoulder and a measuring-strip down the front and elsewhere that may be desired. The arm-plates are usually attached to busts at the shoulder-points for guiding the cutter in his work. I have sought to construct an arm-plate in such a way that it may be employed to guide a cutter in producing an armhole-opening of any size within ordinary limits. In other words, the plate is adjustable to different sizes.

2 represents the main or upper plate, preferably oval in shape and secured to the form in any suitable manner—for instance, by the screws 3 and 4.

5 is a supplementary or lower member the outline of the lower and side portions of which is preferably oval.

6 is a dovetailed projection carried by the lower plate 5, which operates in a vertical slot 7 in the upper plate 2.

8 is a clamp-screw for clamping the plate 5 in place.

In the form of arm-plate shown in Figs. 7, 8, and 9, 6′ is a screw-post projecting from plate 2 through a slot 7′ and carrying the clamp-nut 8′.

9 is a slot in the main plate 2.

10 is a pin or stud projecting from the rear of the plate 5 into the slot 9.

By loosening the thumb-nut 8 the lower plate 5 may be raised and clamped in position at any point desired within the limits of the ranges of the slots 7 and 9 relative to the studs 6 and 10. When the plate 5 is raised to its highest point and clamped in place, the outline formed by the upper half of the main plate 2 and the lower half of the supplementary plate 5 is the minimum outline for the arm-hole opening. When the plate 5 is clamped in its lowest position, as shown in Figs. 1 and 2, the outline formed by the periphery of the two plates is the maximum size of arm hole-opening. The plates may be adjusted to any point between these two limits.

The strip 11 is attached to the front of the form and provided with indicating-marks for measuring, for instance, inches and fractions thereof. These marks are preferably made by indentures in the raised portion 12, the strip being formed of thin aluminium or other suitable material. The notches make it easier to locate the division accurately, as they can be felt through the cloth when it is placed over the form. These strips may be attached at any portion of the form for convenience in taking measurements. They may be sunk into the papier mâché form or indented so as to leave only a sort of central projecting ridge or line under the jersey cloth with which these forms are customarily covered.

What I claim is—

1. A garment-form comprising a bust, a raised measuring-strip attached thereto, and adjustable arm-plates secured at the shoulders.

2. An arm-plate for a garment-form, comprising a main stationary member and a supplemental member adjustable thereto, and means for clamping the two members together.

3. In an arm-plate for a garment-form, an upper plate adapted to be secured to the form and a lower plate in contact therewith and adjustable relative thereto.

4. In an arm-plate for a garment-form,

two members having curved upper and lower edges, and pin-and-slot connections between the two members.

5. In a garment-form arm-plate, a stationary member, a movable member, and means for clamping the movable member in place in any one of a plurality of positions relative to the stationary member.

6. A garment-form comprising a bust, and a measuring-strip attached thereto having a raised rib with notches indicating the divisions into units or parts thereof.

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Witnesses:

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