

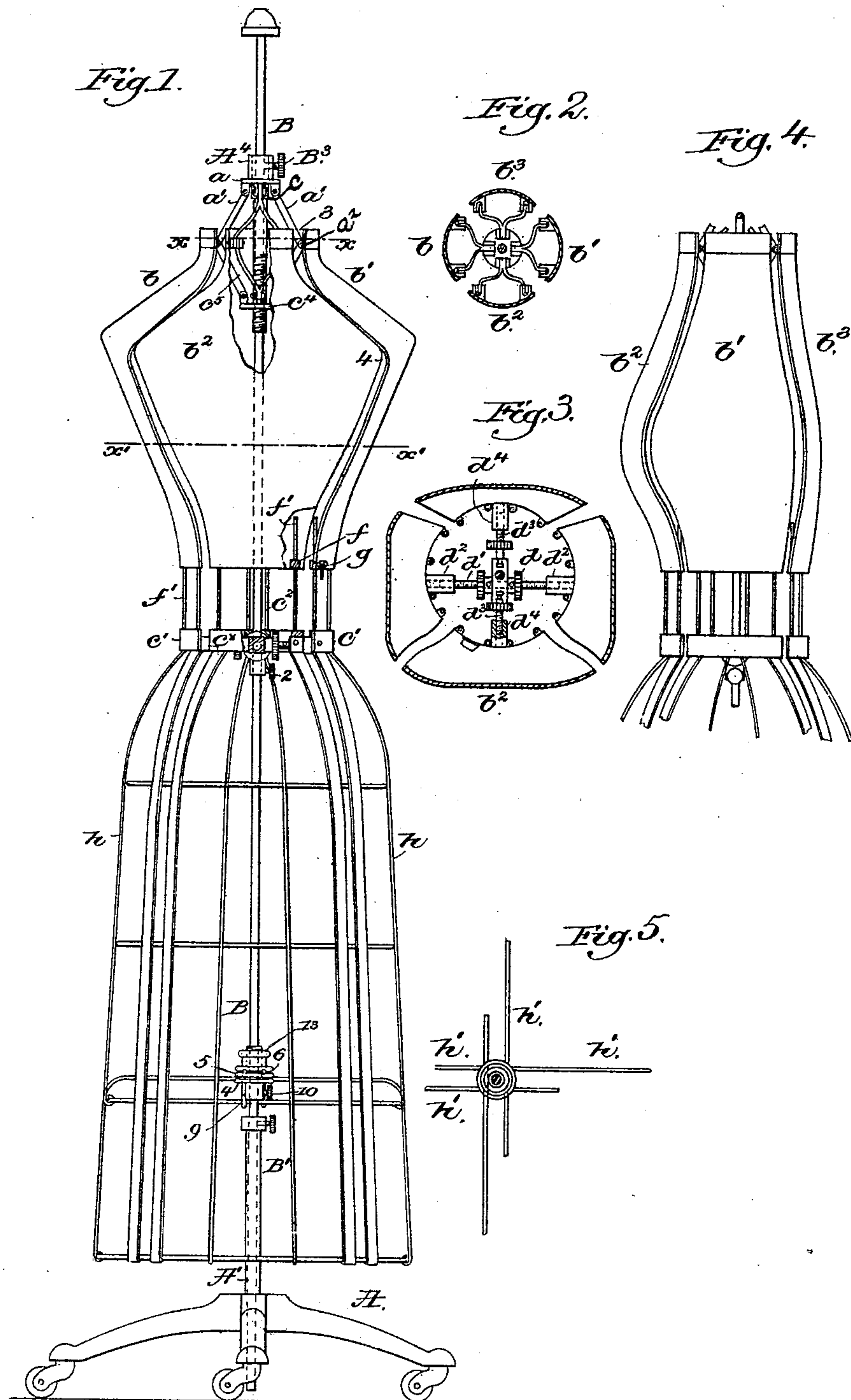
(No Model.)

C. A. UFFORD & W. L. HENDRICK.

DRESS FORM.

No. 377,338.

Patented Jan. 31, 1888.



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UNITED STATES PATENT OFFICE.

CHARLES A. UFFORD AND WILLIAM L. HENDRICK, OF BOSTON, MASSACHUSETTS; SAID HENDRICK ASSIGNOR TO SAID UFFORD.

DRESS-FORM.

SPECIFICATION forming part of Letters Patent No. 377,338, dated January 31, 1888.

Application filed September 5, 1887. Serial No. 248,816. (No model.)

To all whom it may concern:

Be it known that we, CHARLES A. UFFORD and WILLIAM L. HENDRICK, both of Boston, county of Suffolk, and State of Massachusetts, have invented an Improvement in Dress-Forms, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

10 This invention has for its object to improve and simplify the construction of that class of dress or garment forms called "dummies," our present invention having for its aim to provide for the elongation, as well as the expansion, of the waist.

15 Heretofore the bust portion of the dummy has been split longitudinally through its center at right angles, thus forming the bust into four equal parts; but herein the trunk is separated by cuts starting from the neck and running toward the shoulder, and then down through the line of the quarter-seam and of the dart-seam, thus leaving the front and back of the trunk whole and the side pieces whole.

20 As herein shown, the segmental waist-sections, from which depend the skirt-supporting portion of the dummy, are provided with a series of rods or bars, which enter and slide in suitable guides or eyes connected to or forming part of the lower end of the bust portion, longitudinal movement of either the bust portion or the waist-section one with relation to the other leaving a greater or less length of the said rods exposed to form a longer or shorter waist.

25 The particular features in which our invention consists will be pointed out in the claims at the end of this specification.

30 Figure 1 is a front elevation of a dummy embodying our invention; Fig. 2, a section of the dummy shown in Fig. 1 in the line x ; Fig. 3, a section in the dotted line x' , looking down; Fig. 4, a side elevation of the bust, and Fig. 5 is a detail showing the devices for holding the lower ends of the skirt-sections in adjustable position.

35 The base A has erected upon it a suitable tubular upright, A' , which receives the lower end of a rod, B, the latter being adjustably attached to the said upright by a set-screw, B' .

The rod B above the bust portion of the

dummy receives upon it a threaded sleeve, c , (see Fig. 1,) having a head, A^4 , through which is passed a set-screw, B^3 , by which the said threaded sleeve is held upon the rod at the proper height. The sleeve referred to below its head has a collar, and between the said head and collar is placed loosely a ring, a , having depending lugs or ears, to which are jointed links a' , jointed at a^2 to suitable eyes or lugs attached to the neck of the form, the said lugs being in turn jointed to the threaded collar or annulus c^4 , having ears, by means of other like links, c^5 , (best shown in Fig. 1,) by breaking out the front of the dummy, rotation of the bust and links a and c^5 on the threaded sleeve c , causing the expansion of the neck. At or about the waist-line the rod B has connected to it in an adjustable manner by a set-screw, as 2, a block, d , the latter receiving in it a screw-threaded rod, d' , one end of which has a right-hand and the other end a left-hand thread, the oppositely-threaded ends of the said rod entering threaded projections d^2 , connected, respectively, to the segmental waist-sections c' , the said sections being at the sides of the dummy. This block d also serves to support loosely the inner ends of two screws, as d^3 , the outer threaded ends of which enter threaded projections d^4 , attached to the like segmental waist-sections, c^x , located at the front and back of the dummy. Rotation of the screws d^2 d^3 in one or the other direction expands or contracts the dummy at the waist.

35 As herein shown, the trunk, formed of paper-board, papier-maché, or other suitable or usual material, is cut, commencing at the point 3 at the neck, and then running down diagonally through the front and back to a point, 4, at or near the shoulder, and thence diagonally inward to the lower end of the bust, the cut in the back of the bust being substantially in line with the quarter back-seam, while the cut at the front of the bust is substantially in line with the dart-seam.

40 The bust, divided as described, or it may be divided in any well-known or usual manner, has at its lower ends suitable guides, as f , which receive stiff rods, wires, or bars f' , connected to and rising respectively from the segmental waist-sections c' c^x .

45 For the shortest waist the lower end of the

body will rest substantially upon the segmental waist-sections; but to provide the dummy with a longer waist it is only necessary to loosen the set-screw B³ and lift the sleeve c and its attached parts, including the bust, and raising the latter upon and uncovering the rods f', leaving them exposed for a greater or less distance to constitute a longer or shorter waist.

The skirt-supporting sections h are connected to and depend from the segmental waist-sections, and at their upper ends are movable radially toward and from the rod B in unison with the segmental waist-sections; but lower down each of the skirt-sections (in practice four in number) has a rod, as h', which, jointed to the skirt-section, is extended through between friction plates, as 4 5 6, the said friction-plates being preferably washers mounted loosely upon a threaded sleeve, 9, clamped to the rod B by a set-screw, 10, a threaded nut, as 13, being screwed down upon the sleeve 9 to force the washer together to clamp and hold the rods h' in the position in which they are left by the movement of the skirt-sections.

We may hold the bust and the segmental waist-sections separated at any desired distance by means of set-screws, as g, acting upon

the rods f', and in such event the set-screw B³ might be omitted.

We claim—

1. In a dress-form, a segmental waist-section and a longitudinally-adjustable bust portion above it, combined with an intermediate circumferential series of rods or bars, f, constituting an independent waist portion, whereby the adjustment of the bust longitudinally with relation to the said waist-section enables the waist to be correspondingly lengthened or shortened by exposing the bars f for a greater or less distance, substantially as described.

2. The body of the dress-form, divided substantially as described, having its sides separated from its front and back in the line of the quarter back-seam and the dart-seam, substantially as described.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

CHAS. A. UFFORD.
WILLIAM L. HENDRICK.

Witnesses:

G. W. GREGORY,
F. L. EMERY.