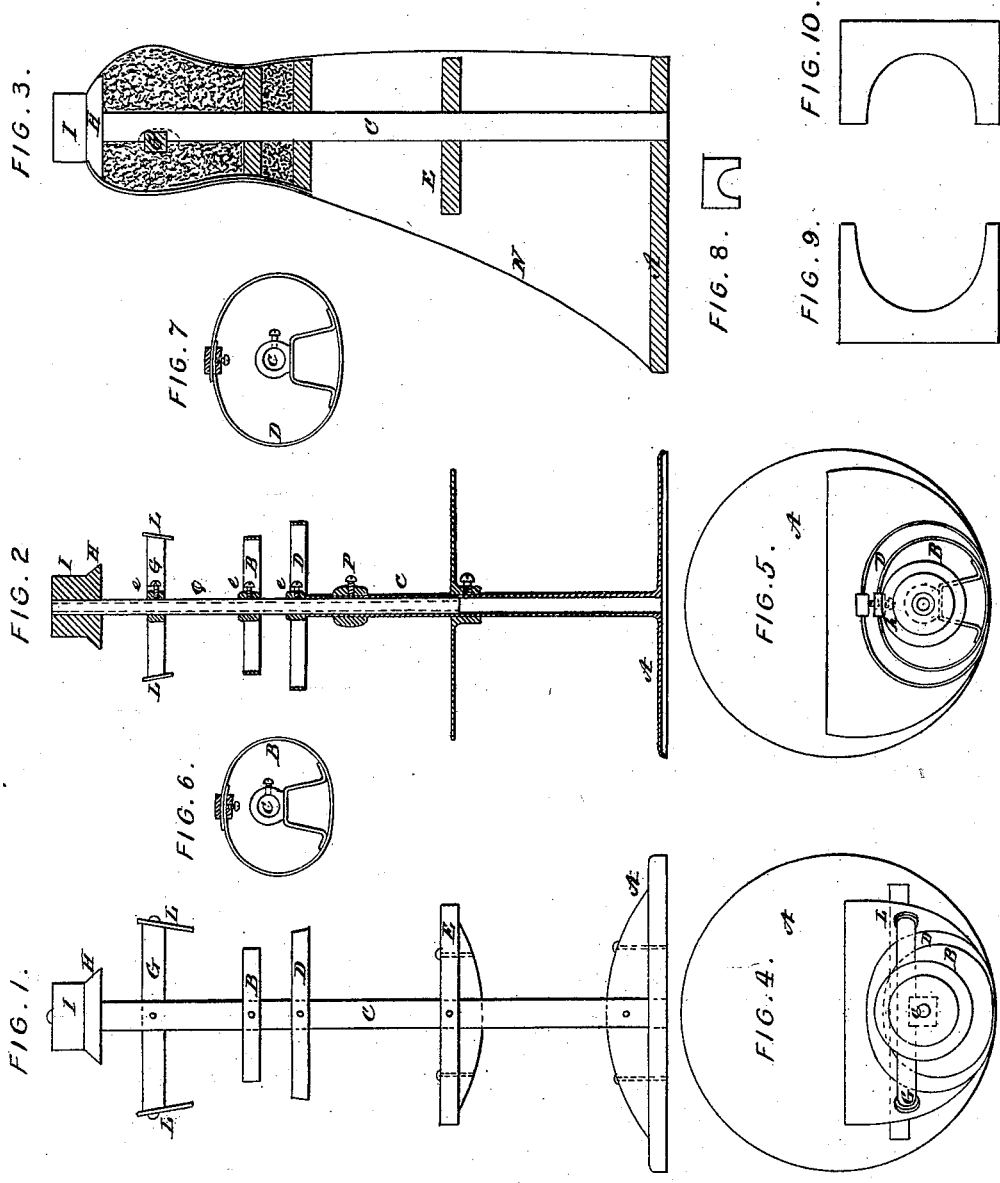


H. H. BAKER.
Dummy.

No. 208,881.

Patented Oct. 15, 1878.



WITNESSES

Wm Crawford
Wm A. Sizerman

INVENTOR.

H. H. Baker

UNITED STATES PATENT OFFICE.

HALSEY H. BAKER, OF PLAINFIELD, NEW JERSEY.

IMPROVEMENT IN DUMMIES.

Specification forming part of Letters Patent No. **205,881**, dated October 15, 1878; application filed February 18, 1878.

To all whom it may concern:

Be it known that I, HALSEY H. BAKER, of Plainfield, in Union county, and State of New Jersey, have invented an Improved Dummy for cutting, fitting, and trimming dresses on, of which the following is a specification:

The object of this invention is to provide a dummy corresponding in size and form with the individual using it, or whatever other form it may be desired to represent, on which a lady may fit her own dresses without the aid of another, or a dress-maker may adjust it to correspond with the form of any other person, and cut and fit a dress on it so accurately as to insure a perfect fit on completion without the usual trials and fittings almost always required.

The invention will be more fully described by reference to the accompanying drawing, in which—

Figure 1 represents a front elevation of a frame, having its parts adjusted by measurement and permanently fixed, on which the dummy is to be formed for individual use. Fig. 2 is a similar frame, but made adjustable in height and expansive or contractive in circumference, for dress-makers' use, adaptable to any size and form. Fig. 3 represents the dummy draped and stuffed to the desired form. Fig. 4 is a top view of Fig. 1; Fig. 5, a top view of Fig. 2. Figs. 6 and 7 are detached views of the adjustable waist and hip forms. Figs. 8, 9, and 10 represent templets, by which the size and form of the shoulder, hip, and waist are determined, as will be more fully described hereinafter.

The same letters indicate like parts on all the figures where they occur.

In constructing this dummy, I first cut a circular piece of board, A, large enough to form a base, usually about eighteen inches in diameter. Then from a templet, Fig. 10, I form the waist-shape B, directly through the center of which is cut a mortise, through which the standard or column C passes. I next, in like manner, form the hip-shape D from a templet, Fig. 9, and taking the distance of the mortise from the front of the waist-form B, and adding the amount of depression of the waist from a perpendicular line, as ascertained by measurement No. 7, hereinafter, the exact

position for the mortise in the hip-board D is ascertained. The upper edge of this board also requires to be beveled to fit the flare of the corset. The mortises in the base A and knee-piece E are both the same distance from the front as that in the hip-board D. The standard or column C is then firmly secured in the base, and the knee, hip, and waist forms are placed in position on the former by actual measurement of the person for whom the dummy is intended, and there secured. (See measurements 14, 15, 16.) The shoulder-bar G, collar-form H, and neck-piece I are also placed in position according to measurements 1 and 2, and there secured on the standard C.

The next thing is to place the corset in position by measurements from the floor to the second hook in front, and to a pencil or other mark on their back, (see measurements Nos. 11 and 13,) and there secure it by tacking to the hip and waist forms. This is then partly stuffed, and a close-fitting waist without sleeves is put over it, its proper position being found by a mark over second hook in the corset, and a pencil or other mark corresponding with that on the back of the latter, in which position it is secured. It is then to be stuffed with any suitable material to about the firmness of human flesh. The collar is then secured around the neck-piece I.

To prevent the shoulders from drooping, and to give them their proper shape and height, I fit boards L from a templet or pattern, Fig. 8, and firmly secure them to each end of the shoulder-bar G, their height being determined by measurement No. 3. The shoulders may thereby be stuffed to the exact shape of the person. From the hips to the floor an overskirt, N, may be used; or it may be draped with cloth of any description, which should be tacked around the hip and floor boards, as represented in Fig. 3.

The above description illustrates the construction of a dummy for individual use, while that represented in Fig. 2, being made adjustable in height or circumference in all its parts, as may be required, is better adapted for dress-makers' use, who require to adapt it to various forms and sizes. In this figure the lower portion of the column is represented as hollow, and is provided with a set-screw, P, for clamp-

ing the upper portion, Q, which fits into the lower portion, by which means the height of the collar-bone is adjusted. The shoulder-bar, waist, hip, and knee pieces are also adjustable on the column by set-screws *e*, and the waist and hip forms are adjustable expansively and contractively by the set-screws *h*, so that the form may be varied to adapt it for persons of different sizes.

To enable others to make or procure such a form to correspond with that of any individual, the following measurements will be required: first, distance from floor to collar-bone in front; second, ditto to half-inch above dress-collar in back; third, ditto to tip of shoulders; fourth, ditto from tip to tip of shoulders across the back; fifth, ditto around the bust just under the arms; sixth, ditto around the neck; seventh, depression of waist from a perpendicular line touching person in front; eighth, cut a templet of half-shape of waist over a tight-fitting corset, (see Fig. 10;) ninth, ditto of half-shape of hips, (see Fig. 9;) tenth, ditto of top of shoulder, (see Fig. 8;) eleventh, distance from floor to second hook in corset; twelfth, make a pencil-mark on back of corset; thirteenth, distance from floor to said mark; fourteenth, ditto from floor to knee; fifteenth, ditto from floor to hip where tem-

plet, Fig. 9, was taken; sixteenth, ditto from floor to waist where templet, Fig. 10, was taken; seventeenth, put on waist, and, when nicely and closely fitted, sew in a thread-mark directly over the second hook in corset in front, and over pencil-mark in back of corset.

What I claim as new, and desire to secure by Letters Patent, is—

1. A dummy composed of the base A, knee-board E, hip-form D, waist-form B, shoulder-bar G, collar-form H, neck-piece I, and column or standard C, substantially as shown and described.

2. In combination with the skeleton-frame consisting of the parts A, B, C, D, E, G, H, and I, as shown and described, a corset or waist, or both, stuffed to the contour of the person, substantially as and for the purpose set forth.

3. A skeleton-dummy having its waist and hip forms made adjustable expansively or contractively, and the collar, shoulder, waist, hip, and knee-forms adjustable vertically, as and for the purpose specified.

H. H. BAKER.

Witnesses:

FRANK S. WELLS,
W. E. STELLS.