

(No Model.)

W. VOGLER.
DRESS FORM.

No. 463,346.

Patented Nov. 17, 1891.

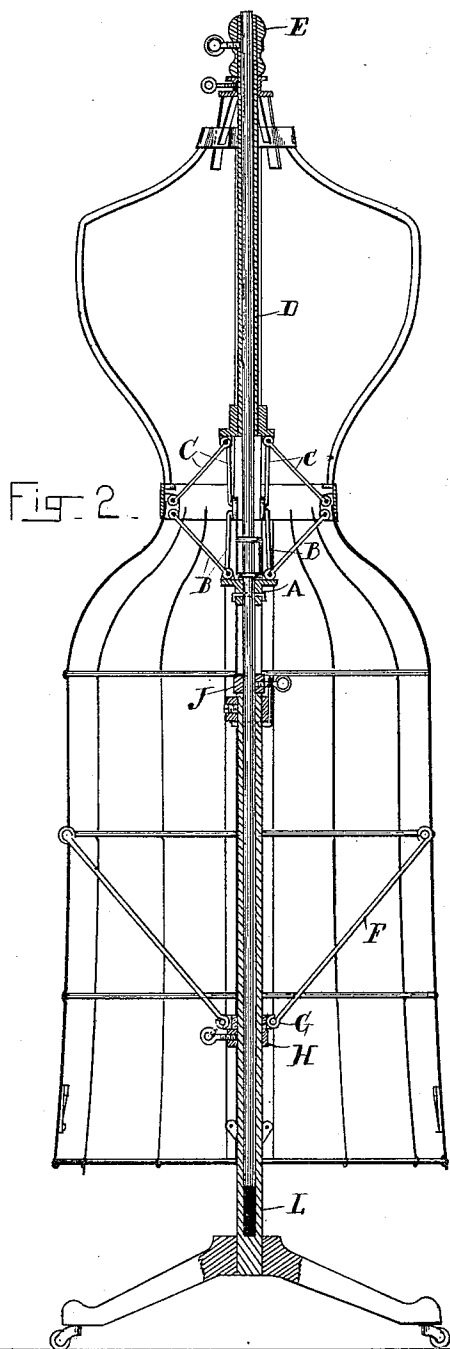


Fig. 2.

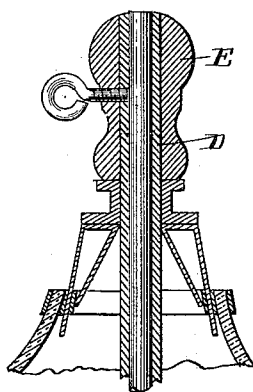


Fig. 3.

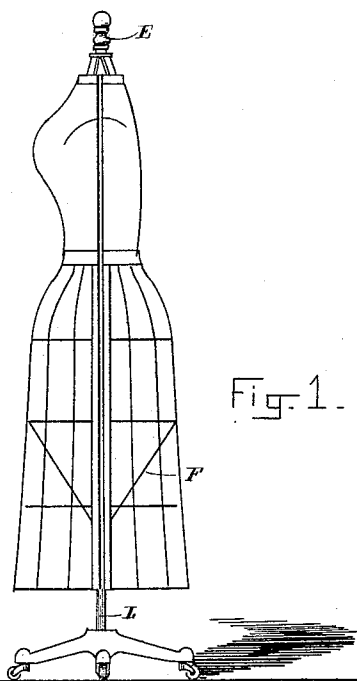


Fig. 1.

WITNESSES:
Anton M. Lyman.
Marland C. Hobbs

INVENTOR:
William Vogler
by Chas. F. Perkins
his attorney

UNITED STATES PATENT OFFICE.

WILLIAM VOGLER, OF SOMERVILLE, ASSIGNOR TO CHARLES A. MORSS, OF
BOSTON, MASSACHUSETTS.

DRESS-FORM.

SPECIFICATION forming part of Letters Patent No. 463,346, dated November 17, 1891.

Application filed October 25, 1888. Serial No. 289,158. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM VOGLER, a citizen of the United States, residing at Somerville, in the county of Middlesex and State of Massachusetts, have invented a new and useful Improvement in Adjustable Dress-Forms, of which the following is a specification.

My invention has reference especially to the means of operating the adjusting devices of the dress-form.

Heretofore the adjusting mechanism of dress-forms has usually been operated by collars, which the operator would slide by hand up and down the standard. The construction of the dress-form makes this method difficult and awkward. Another means has been to employ adjusting devices, which, by revolving the dress-form upon the standard, would, by means of a nut and screw-thread and intermediate connections, expand and contract the form.

My invention enables me to operate the adjusting devices by a simpler and quicker method than either of those above mentioned.

Like letters of reference indicate corresponding parts in the figures of the drawings.

Figure 1 shows a side elevation of an adjustable dress-form. Fig. 2 shows a longitudinal section of the same. Fig. 3 is an enlarged vertical section of the neck portion.

The general construction of the dress-form is the same as that of those commonly in use, having a central standard and a form representing the general outline of a lady's dress, and divided into four longitudinal sections, the sections being supported upon adjusting mechanism and connected to the standard thereby. Fixed to the standard by a pin is a collar A, to which is pivoted a series of braces B, which incline upwardly and whose outer ends are pivoted to the waistband of the dress-form. Another series of braces C is pivoted to the waistband at or near the pivotal points of the braces B. The braces C incline upwardly and have their inner ends pivoted to a sleeve or tube D, surrounding the standard, to the upper end of which sleeve or tube D is fitted a knob or handle E, provided with a set-screw extending through the handle and the tube or sleeve D to the standard.

It is obvious that by sliding the tube or

sleeve D down upon the standard the dress-form will be expanded, and by sliding it up will be contracted, so that any degree of adjustment can be obtained within the range of the adjusting devices. When the dress-form is adjusted to a desired size, then the set-screw in the handle E should be turned up against the standard, so as to fix the tube D. Pivoted to the lower portion of the skirt-form is another series of braces F, which incline downwardly and are pivoted at their inner ends to the collar G, which rests upon an adjustable collar H, provided with a set-screw. The standard fits and turns in a tubular rod L, which is supported upon feet in the usual way.

J is an adjustable collar upon the standard, which is designed to maintain the dress-form at any given height. At the neck is provided means for adjusting the form laterally, which I have shown in an application of even date herewith and serially numbered 289,156, and do not claim herein.

I am aware that adjusting-braces have been connected to screw-threaded nuts or collars, which require that either the dress-form or the standard shall be rotated, and also that adjusting-braces have been pivoted to sleeves located entirely inside the form. In the first case the turning of the form or standard involved an unnecessary expenditure of time, and in the second case the operator is required to insert his hand through the frame, and when the set-screw is released the collar is liable to slip and allow the frame to collapse, in which event it is difficult to readjust, and it is at all times inconvenient to operate.

I am aware that in a prior dress-form the bust portion has been made vertically-adjustable on the standard by means of a sleeve provided with a set-screw and extended above the sections of the bust, which latter could be expanded by rotation, the waist portion of the form being made expansible by means of horizontally-arranged screws, and such construction is not of my invention.

By my improvement the tubular sleeve D is made in effect an extension of the standard and reaches above the sections of the form and down near to the waist region and is easily accessible. One series of braces is piv-

otally connected to the sections and to the
fixed standards, and the other series in like
manner connected to the sections and to the
tube D, which latter may be styled a "movable
5 extension" of the standard. By this construc-
tion it is only necessary to raise or lower this
standard extension or tube D in order to con-
tract or expand the form at the waist, all the
sections being moved horizontally by sliding
10 said tube on the standard in a vertical direc-
tion.

What I claim as my invention is—

In an adjustable form consisting of longi-
tudinal sections supported upon a central
15 standard by a series of adjusting-braces, the
combination of the braces B, each pivotally
connected at its outer end to a section and at

its inner end to a collar A, fixed to the stand-
ard, and the braces C, each pivotally connect- 20
ed to one of said sections at its outer end and
at its inner end to a vertically-sliding tube D,
said tube extending above the expansible sec-
tions of the dress-form at the neck and down
to near the region of the waist and adjust- 25
able by a direct vertical movement on the
standard and provided with devices for se-
curing it thereon, whereby the form can be
expanded or contracted by moving the tube
on the standard and all the sections moved
simultaneously, substantially as set forth.

WILLIAM VOGLER.

Witnesses:

BESSIE C. JONES,
CHAS. F. PERKINS.