

P. QUINN.  
DRESS FORM.

No. 385,725.

Patented July 10, 1888.

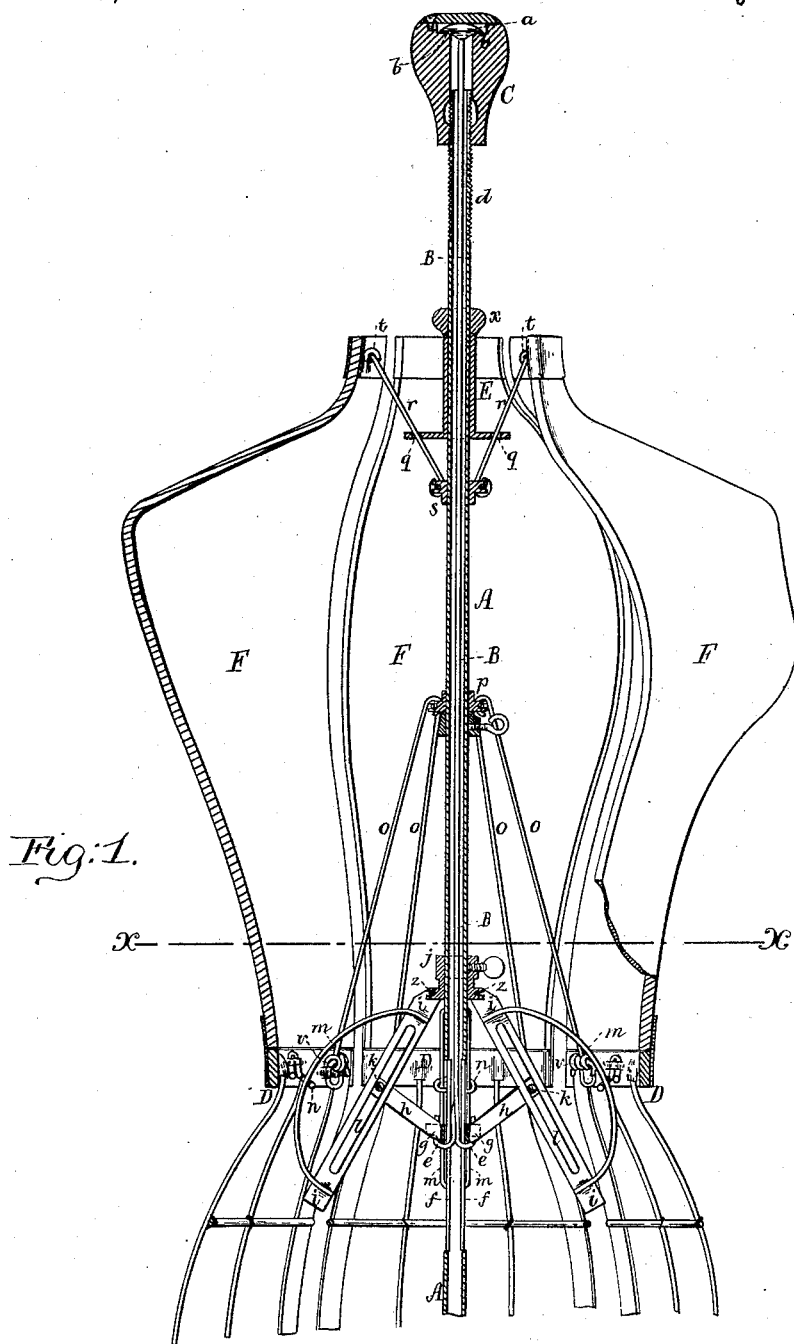


Fig. 1.

Witnesses.  
Thomas W. Hobday.  
M. H. Preston.

Inventor.  
Patrick Quinn.  
by Singleton & Piper, attys

(No Model.)

2 Sheets—Sheet 2.

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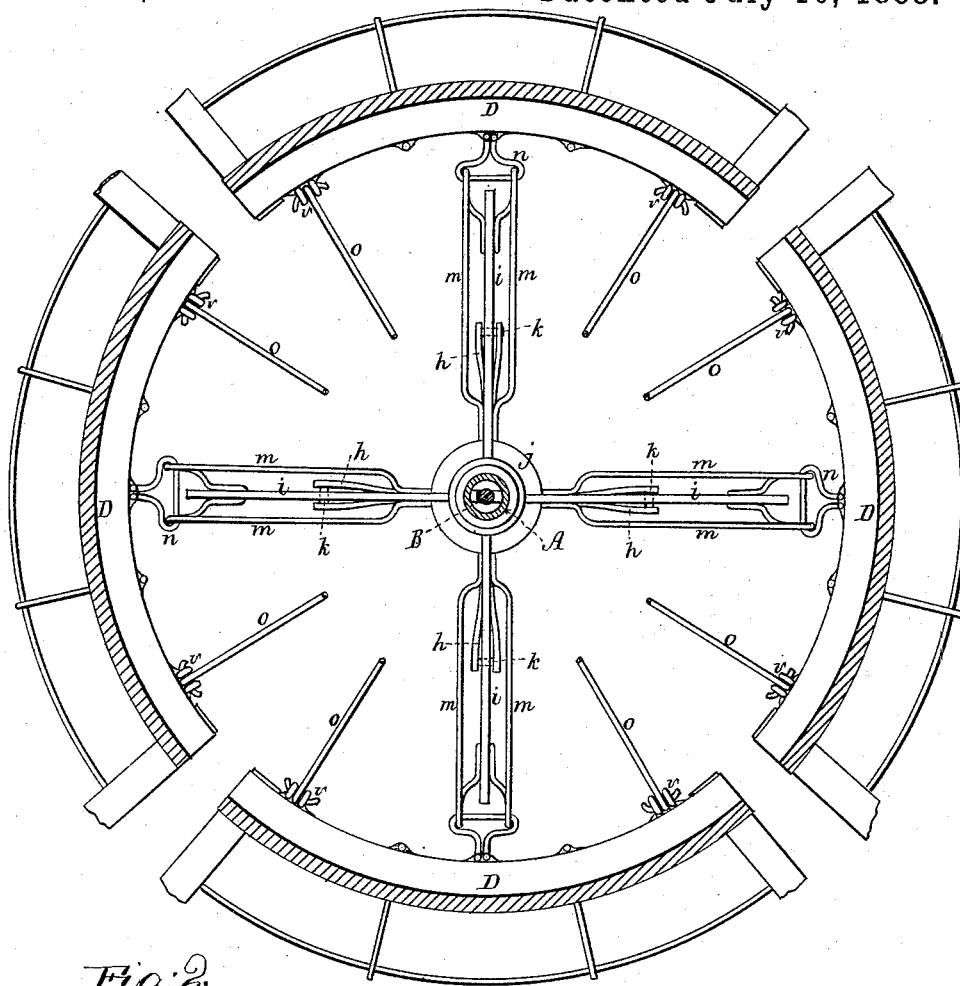


Fig: 2.

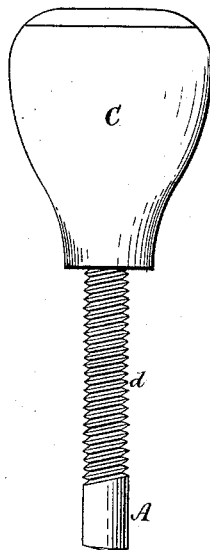


Fig: 3.

witnesses,  
Thomas W. Hobday.  
A. H. Denton.

Inventor.  
Patrick Quinn.  
by Singleton & Piper atty's

# UNITED STATES PATENT OFFICE.

PATRICK QUINN, OF CAMBRIDGEPORT, MASSACHUSETTS, ASSIGNOR OF ONE-HALF TO FREDERICK W. BROWN, OF SAME PLACE.

## DRESS-FORM.

SPECIFICATION forming part of Letters Patent No. 385,725, dated July 10, 1883.

Application filed April 26, 1883. Serial No. 271,985. (No model.)

*To all whom it may concern:*

Be it known that I, PATRICK QUINN, a citizen of the United States, residing at Cambridgeport, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Dress-Forms; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

Figure 1 is a longitudinal and vertical section of the waist-form and of the upper portion of the skirt-frame of a dress-form provided with my invention. Fig. 2 is a horizontal section taken on line *xx* of Fig. 1. Fig. 3 is a side elevation of the upper portion of the supporting-standard and the handle carrying the nut, which works on the screw cut thereon.

My invention relates to improvements in dress-forms made in sections, the skirt-frame being made of wire-work and the waist-form of a material capable of being molded into shape—such as paper-pulp, for instance; and my said improvements have reference more particularly to the devices for adjusting or expanding and contracting the dress-form at its neck and waist portions, the said devices being operated independently of each other.

In carrying out my invention I arrange within the standard *A*, which is tubular and is supported on a foot so that it can be revolved horizontally thereon, a rod, *B*, suspended by its head *a* from a bearing, *b*, in the upper part of a knob or handle, *C*. Said handle is screw-threaded in its lower part to engage with the screw *d*, formed on the outer surface of the upper portion of the standard *A*. The thread of the screw *d* is pitched to such an extent as to require but a few turns of the form to contract or to expand it to bring it to the required size. The rod *B* extends downward within the standard, and at its lower end has prongs *e e*, which project through slots *ff* in the standard and connect with a tubular head, *g*, provided with four upwardly-inclined and rigid arms, *h*, furcated at their upper ends

to receive a like number of slotted arms, *i*, pivoted at *z* to a tubular head, *j*, movable on the standard and having means for clamping it thereto. Pins *k*, fixed in the forked end of the arms *h*, extend through the slots *l* in said arms *i*, as shown. Fastened near each end of the arms *i*, and on each side thereof, there is a curved rail or bearer, *m*, there being a pair of said rails or bearers to each arm *i*, and said rails each have a bearing in an eye, *n*, secured to and projecting from each of the ring sections *D*, of the form as represented.

The sections of the dress-form are sustained in position on the standard by arms *o*, pivoted to eyes *v*, secured to the ring-sections *D* and to a tubular head, *p*, having means for clamping it to the standard, as shown.

Within the neck portion of the form and arranged on the standard is a flanged slide, *E*, which has in its flange openings *q*, in which are arranged rods *r*, pivoted to a tubular slide, *s*, arranged on the standard, and to eyes *t*, secured to the neck portions of the waist-sections *F*, as shown. By applying the hand to the enlarged portion *x* of the sleeve *E* and moving the same vertically on the standard, the size of the neck portion of the form will be varied, or increased or diminished, as may be desired, and by laying hold of the handle *C* with one hand and revolving the dress-form on its axis with the other the arms *i* will be moved by the pins *k*, acting within the slots *l* so as to turn them on their pivots *z* and cause the curved rails *m*, acting within the eyes *n*, to either force the sections *D* apart from or draw them nearer to each other, as may be desired, to expand or contract the form, as circumstances may require. Thus it will be seen that the waist and skirt portions of the form can be varied in size without affecting the neck portion, which can be varied at pleasure by moving the slide *E* on the standard, as described.

Having described my invention, what I claim in a dress-form, and desire to secure by Letters Patent, is—

1. The combination, with the tubular standard and the skirt-frame and waist-form, made in sections connected together, as shown, said sections being sustained in position on the

tubular standard, as described, of the tubular head *g*, having the rigid arms *h* and supported on the standard by the rod B, connected to the said head *g*, and arranged within the standard, and sustained in the handle C, which is adjustable in altitude on the standard by means of the screw connecting it therewith, the slotted arms *i*, connected to the rigid arms *h*, as shown, and jointed to the tubular head *j*, clamped to the standard, said arms having the curved rails or bearers *m* to operate the eye *n*, secured to the ring-sections D, in such manner that when the head *g* and its arms *h* are raised on the standard by revolving the dress-form in one direction the sections will be expanded and contracted on the form being revolved in the opposite direction, all substantially as described and represented.

2. The combination of the tubular standard, screw-threaded at its upper part and provided with slots *f f*, as shown, the handle C, having a female screw to connect with the screw *d* of

the standard, and provided with a bearing, *b*, the rod B, sustained in said bearing *b*, and having prongs extending through the slots *f f* and connecting it with the head *g*, provided with the rigid arms *h*, the slotted arms *i*, connected to the arms *h* and provided with the curved rails or bearers *m*, and pivoted to the head *j*, said head having means for clamping it to the standard, with the dress-form made in sections connected to the standard, as shown, and provided with eyes *n*, for connecting said sections to the bearers *m*, to admit of said sections being expanded or contracted by revolving the dress-form on its axis, all as described and represented.

In testimony whereof I affix my signature in presence of two witnesses.

PATRICK QUINN.

Witnesses:

S. N. PIPER,  
GEO. L. RIDLEY.