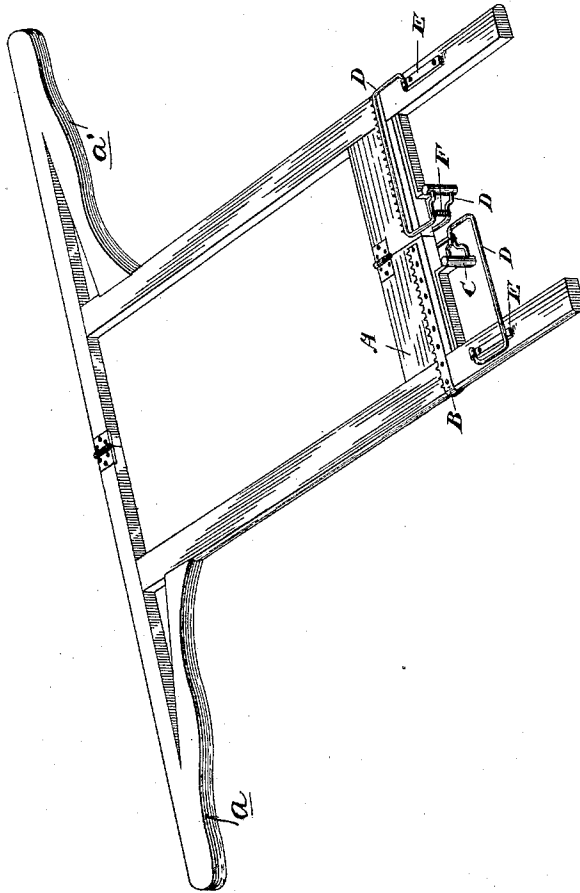


(No Model.)

R. SCHOFIELD & A. F. ROBB.  
DRYING FORM.

No. 465,733.

Patented Dec. 22, 1891.



*Witnesses.*

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# UNITED STATES PATENT OFFICE.

RICHARD SCHOFIELD, OF PARIS, AND ANDREW F. ROBB, OF GALTON,  
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## DRYING-FORM.

SPECIFICATION forming part of Letters Patent No. 465,733, dated December 22, 1891.

Application filed May 15, 1891. Serial No. 392,925. (No model.)

*To all whom it may concern:*

Be it known that we, RICHARD SCHOFIELD, of the town of Paris, in the county of Brant, Province of Ontario, Canada, and ANDREW FRANCIS ROBB, of the town of Galton, Ontario, Canada, have invented a certain new and useful Improved Drying-Form or Shirt-Stretcher; and we do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming a part of this specification, and to the letters of reference marked thereon.

This invention relates to that class of forms or shirt-boards on which knitted or other shirts are stretched after they have been manufactured; and the object of the invention is to produce a simple and effective clasp or clamping mechanism by which the shirt may be quickly and securely held in place.

The invention consists in certain novel details of construction and combinations and arrangements of parts, as will be hereinafter described, and pointed out particularly in the appended claims.

The drawing is a perspective view of a shirt-board having our improved clamping device applied thereto.

For illustrating the invention in the preferred form we show it applied to a shirt-board formed in halves or divided in the center, the two parts being hinged together. When applied to this class of shirt-boards it will be understood that a clamping mechanism is provided on each half, and as the drawing is in perspective it shows the parts clearly on but one side; but it will be understood that the parts are duplicated on the under side. So, too, in order to show the invention to greater advantage, one of the clamps on one of the halves is shown in open position ready for the reception of the shirt and those on the other half in the position they occupy when clamping a shirt.

A indicates the halves of the form provided with the usual arm-extensions *a a'*, A the bottom board or cross-piece, and B is a piece of zinc or other material fixed on the face of

the base A and having a punctured or roughened surface.

C is a bracket secured to the bottom of the base A and shaped, as indicated, to form a support for one end of each bail D. The other end of each bail D is journaled in a bracket E, fixed to the shirt-board, as indicated. A pair of bails D are provided for each side of the shirt-board, and the bails opposite to each other are connected by a spiral spring F. When the tails of the shirt are stretched over the roughened surface of the plates B, the bails D, which have previously raised, are allowed to drop onto the shirt, and by the action of the springs F the tails of the shirt are thus rigidly held to the board.

Instead of roughening the plates B, the same effect will be produced by roughening the surface of the clamping-bails D.

We do not wish to confine ourselves to the employment of spiral springs, as other springs may be provided to accomplish the same purpose; nor do we desire to limit ourselves to the exact shape of the parts shown, it being within the capacity of any ordinary mechanic to change the same.

An important and very essential feature of the present invention lies in the mechanism which enables the clamps to be locked or held open, whereby the shirt may be stretched and drawn down smoothly into the position it will occupy, and then the clamps may be thrown into engagement therewith.

The springs constitute retainers for holding the clamps in either open or closed position, being adapted to work across the pivotal centers of the clamps, as will be readily understood.

Having thus described our invention, what we claim as new is—

1. The combination, with the drying-form, of the clamp pivotally mounted on and bearing against one side thereof, and the retainers connected to the clamp above its pivotal point, whereby it is held in open position while the shirt is drawn down, substantially as described.

2. The combination, with the drying-form, of a pair of brackets mounted thereon, a bail D, having its ends pivoted in said brackets, respectively, and a spring bearing on the bail, substantially as described. 5
3. In combination with a drying-form, a pair of brackets C and E, mounted thereon, a spring-actuated bail D, having its opposite ends pivoted in said brackets, and a rough-ened plate B on the face of the stretcher, substantially as described. 10
4. In combination with a drying-form, brackets C and E, attached thereto, two bails D, pivoted in said brackets, and a spring F, acting on both of said bails, substantially as 15 described.

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