(No Model.)

G. L. SMITH.

DRYING BOARD.

No. 346,507. Patented Aug. 3, 1886.

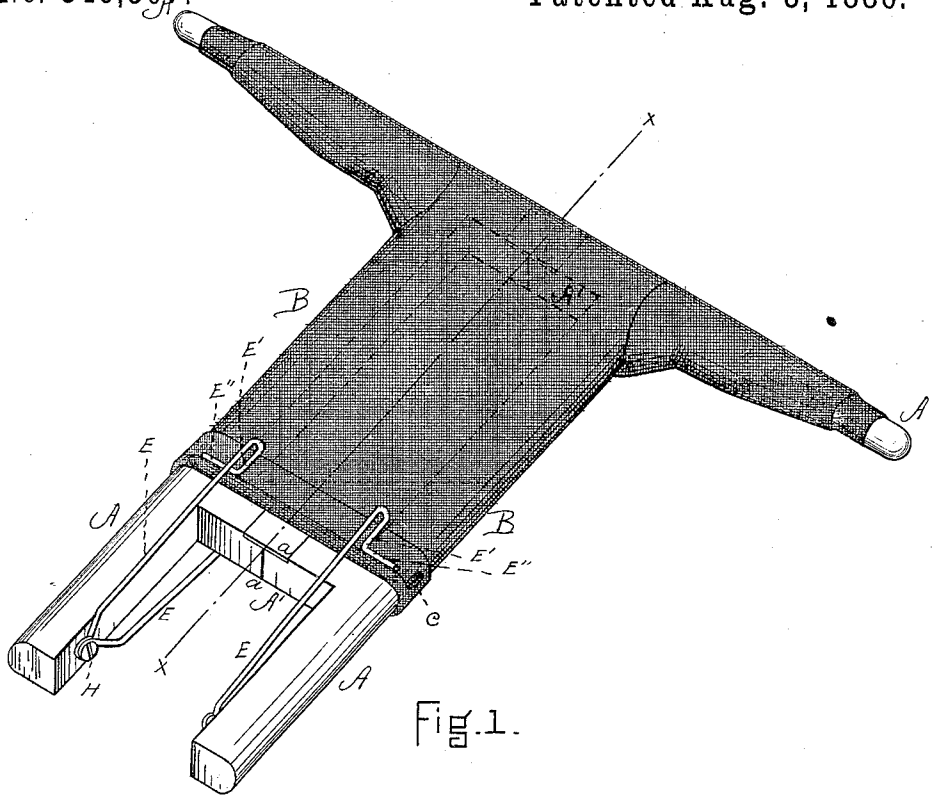


Fig. 1.

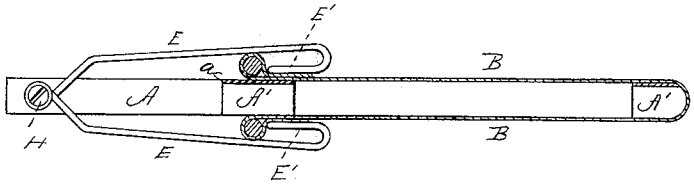


Fig. 2.

George L. Smith
INVENTOR.

WITNESSES.
J. M. Hartnett.
D. W. Williams

By his Atty.
Henry Williams

N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

GEORGE L. SMITH, OF WELLESLEY, MASSACHUSETTS.

DRYING-BOARD.

SPECIFICATION forming part of Letters Patent No. 346,507, dated August 3, 1886.

Application filed March 17, 1886. Serial No. 195,615. (No model.)

To all whom it may concern:

Be it known that I, GEORGE L. SMITH, of Wellesley, in the county of Norfolk and State of Massachusetts, have invented new and useful Improvements in Drying-Boards for Use in the Manufacture of Undershirts, of which the following is a specification.

In the manufacture of undershirts the shirts are before being finished washed and dried. In the drying process they are stretched upon drying boards or frames, and in order that the shirt may be kept taut and smooth upon the drying-board rods longer than the width of the shirt are passed through the hem, one on each side of the drying-board, and are held down by some mechanical means. To accomplish this there must be two holes in the hem, and through each of these holes the adjacent ends of both rods project, and as (as above mentioned) the rods are on opposite sides of the drying-board it is evident that each hole must be of considerable size—in fact as wide as the thickness of the drying-board added to the thickness of the two rods.

In the accompanying drawings, in which similar letters of reference indicate like parts, Figure 1 represents a shirt stretched upon my improved drying-board. Fig. 2 is a longitudinal section of the same on line *x*, Fig. 1.

A represents the frame, of which A′ A′ are the cross-pieces, hinged at *a*, and B is the shirt. Through a single opening, *c*, in the hem C two rods, D, are thrust, one after the other, into the hem on opposite sides of the drying-board. These rods are shorter than the width of the shirt, and hence do not project therefrom through the hem, with the effect, first, that but one opening *c* need be made for their insertion, and, second, that such opening can be small, as the rods do not project through it, but are wholly inside the hem.

E E are double springs, of substantially the shape shown, coiled at their centers around screws or bolts H, secured to the inner sides of the legs of the frame A. These springs extend upward slightly beyond the lower cross-piece, A′, are then bent back upon themselves at E′, and then at right angles at E″, so as to be parallel with said cross-piece. By slipping the portions of the hem containing the rods D under the portions E″ of the springs the shirt is held smoothly and tautly upon the board, as shown in the drawings. After it has sufficiently dried, the shirt is released from the springs, the rods are removed, and the finishing process applied.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

In a drying-board for drying undershirts, the combination of the frame A, provided with clamping-springs, substantially as shown, and the independent rods D, adapted to be placed in the hem of the shirt, substantially as and for the purpose set forth.

GEORGE L. SMITH.

Witnesses:
HENRY W. WILLIAMS,
J. M. HARTNETT.