

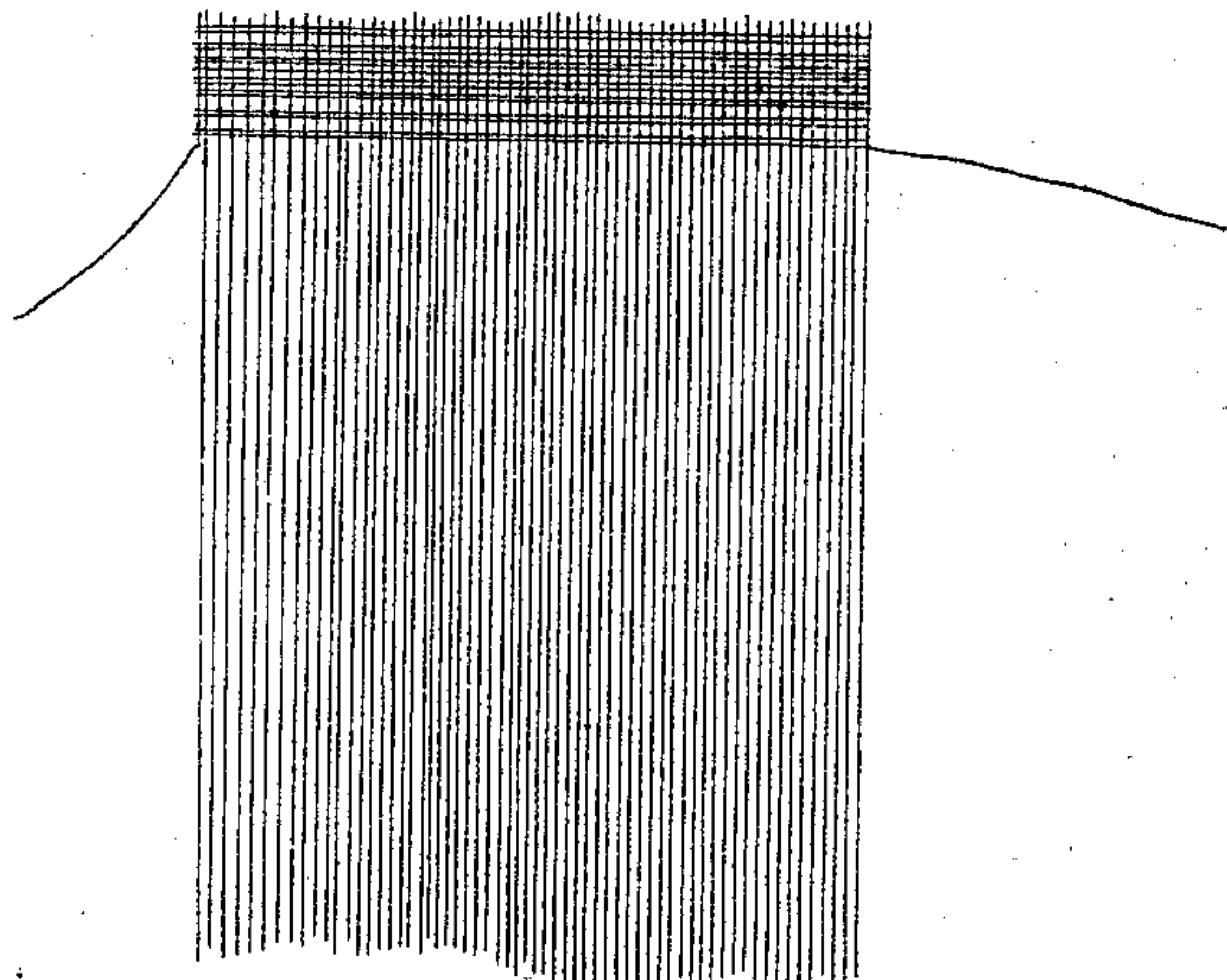
JOHN EARNSHAW'S IMPROVEMENT IN WOVEN FABRIC.

Assignor to A.I. Munson.

PATENTED

DEC 10 1867

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*John W. Shumway
a J. Debbitz*

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JOHN EARNSHAW, OF EAST GREENWICH, RHODE ISLAND.

Letters Patent No. 72,005, dated December 10, 1867.

IMPROVEMENT IN WOVEN FABRIC.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JOHN EARNSHAW, of East Greenwich, in the county of Kent, and State of Rhode Island, have invented a new Improvement in Woven Fabric; and I do hereby declare the following, when taken in connection with the accompanying drawing, to be a full, clear, and exact description of the same, and which said drawing constitutes part of this specification, and represents a diagram, the warp shown in black, the filling in red, and the selvedge-thread in blue.

This invention relates to an improvement in the fabrics such as are woven upon the loom, for which Letters Patent were granted to me, April 9, 1867, and consists in a fabric, the filling of which is passed through from one side and back at each beat or pick, the filling being caught and doubled around an independent selvedge-thread, so as to hold the filling upon the opposite side from which it is entered.

In order to the clear understanding of my invention, I will proceed to describe the same as illustrated in the accompanying drawing.

The warps, denoted in black, are arranged in the usual manner, and the filling, denoted in red, is passed through from one side to the other, as from left to right, and there interlaced with another thread, parallel to the warp, and which is termed the selvedge-thread, denoted in blue in the drawing; then the filling is returned, leaving a double filling with a single thread; then the said double filling is beaten up in the usual manner, and the shed changed; then the filling-thread is again passed through, interlaced with the selvedge-thread, and returned as before, and so continuing, produces a fabric in which the filling is doubled at each beat.

The best process for producing this fabric known to me is that described in the patent before referred to.

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

The fabric herein described, as a new article of manufacture.

JOHN EARNSHAW.

Witnesses:

JOHN E. EARLE,
A. J. TIBBITS.