

S. P. GROOCCOCK.

MANUFACTURE OF ORNAMENTAL WOOD-SURFACED FLOOR-COVERING AND WAINSCOTING.

No. 192,913.

Patented July 10, 1877.

Fig. 1

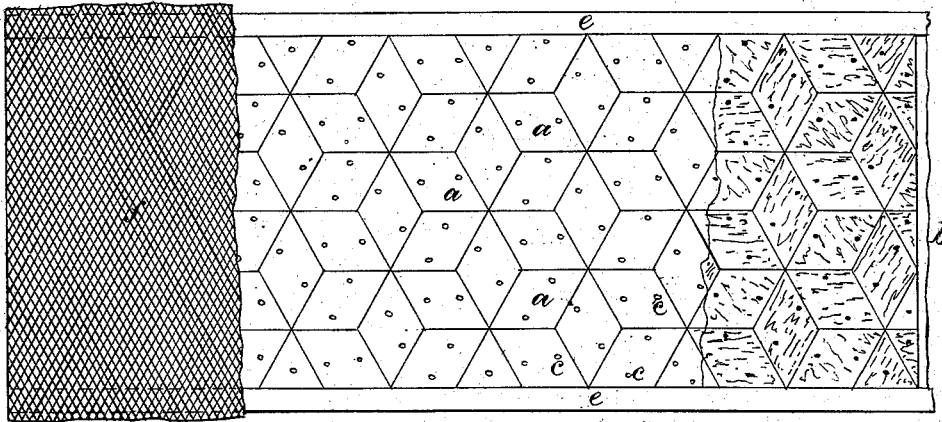
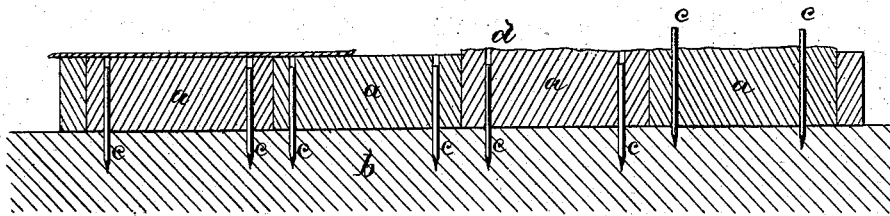


Fig. 2



WITNESSES:

C. News
J. H. Scarborough.

INVENTOR:

S. P. Groocock

BY

Munn

ATTORNEYS.

UNITED STATES PATENT OFFICE.

SAMUEL P. GROOOCK, OF NEW YORK, N. Y.

IMPROVEMENT IN THE MANUFACTURE OF ORNAMENTAL WOOD-SURFACED FLOOR-COVERINGS AND WAINSCOTING.

Specification forming part of Letters Patent No. **192,913**, dated July 10, 1877; application filed April 2, 1877.

To all whom it may concern:

Be it known that I, SAMUEL P. GROOOCK, of the city, county, and State of New York, have invented a new and Improved Process for Manufacturing Ornamental Wood Surfaces, of which the following is a specification:

In the accompanying drawing, Figure 1 is a plan view. Fig. 2 is a longitudinal section of the same.

Similar letters of reference indicate corresponding parts.

My improvement consists in a novel method of manufacturing ornamental wood surfaces, which are made up of a number of pieces of wood attached to canvas, the same to be used as floor-covering, wainscoting, or for other purposes where surfaces composed of a number of pieces of wood are employed.

The usual method of making such surfaces has been to glue the edges and under surfaces of the pieces composing the surface, and place them upon a piece of canvas stretched over a plane surface; but this method is attended with great difficulty, and the article produced is defective, as it is impossible to secure a perfectly level under surface to the wood, and the upper surface cannot be finished without considerable difficulty.

To overcome these difficulties, and to produce a better article, is the object of this invention.

In carrying out my invention, I take the pieces *a*, that are to compose the surface, and place them together upon a level bed, *b*. At the same time I glue them together at the edges, and fasten them to the bed by means of headless wire nails *c*, which are driven through the pieces into the bed *b*. The pieces as they are placed upon the bed *b* are arranged between two straight parallel bars, *e*, thus insuring parallel edges to the surface in process of manufacture.

When the glue becomes thoroughly dry the nails *c* are set down beneath the surface of the pieces, as shown at *d*, when the pieces are reduced to a level surface and an even thickness.

After having treated the pieces in the man-

ner described, I attach to the level surface a piece of canvas, *f*, by means of glue, and when this becomes thoroughly dry I remove the pieces and canvas from the bed, and draw the nails when it is ready for application.

The advantages claimed for my improved method over others now in use are, that the edges of the blocks may be glued together without warping, and they are held together with sufficient firmness on the bed by means of the headless wire nails, to permit of dressing them down to a uniform surface. The canvas, being uppermost, may be smoothly attached to the level surface, and, owing to its position, the moisture of the glue will readily evaporate through the cloth without wetting the blocks sufficiently to cause them to warp, as in the usual method where the pieces are placed upon the canvas in the process of manufacture.

The surface produced by my method has the further advantage of being of a uniform thickness throughout, so that when it is laid upon a floor the pieces are solid and firm, and not liable to injury by pressure.

It is obvious that other materials than canvas may be used for backing the pieces—for example, paper or wood may be employed; but when the latter is used, a clamping device will be required to hold it down on the pieces.

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

The method of forming ornamental wood surfaces by gluing the pieces together on a level bed, then securing them by headless nails passing below their surfaces, then evening the upper portion thereof, then gluing canvas to their leveled surfaces, and, finally, removing the connected pieces from the bed, and drawing the nails through them, as specified.

SAMUEL P. GROOOCK.

Witnesses:

C. SEDGWICK,
ALEX. F. ROBERTS.