

E. H. Woodward,

Floor Tiles.

No. 97,333.

Patented Nov. 30, 1869.

Fig. 1

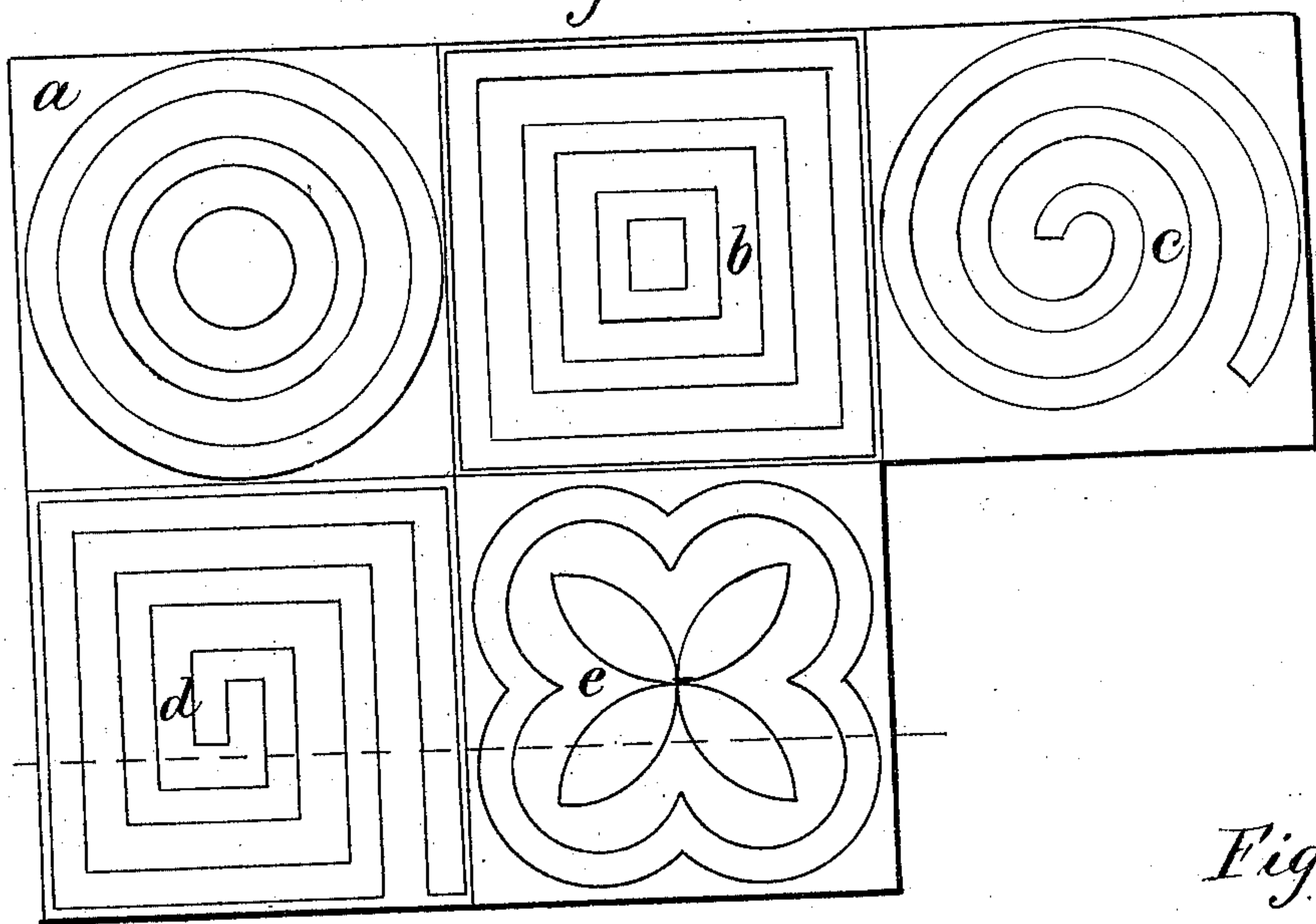


Fig. 2

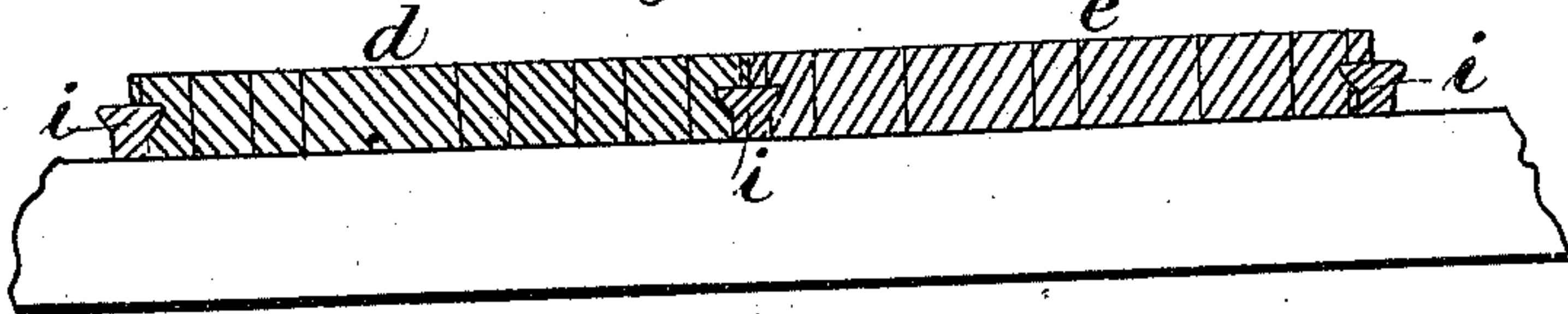
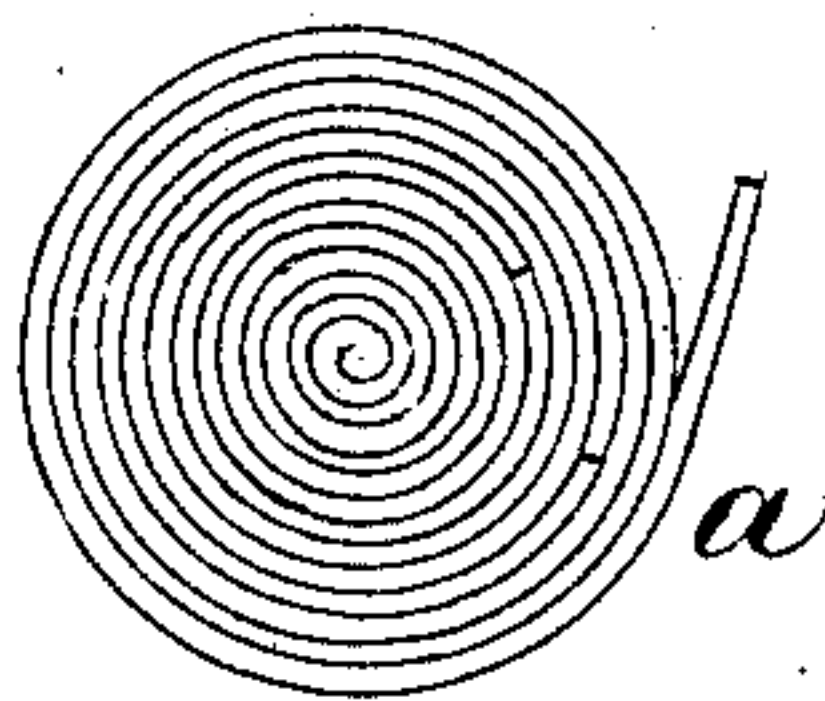


Fig. 3



Witnesses

Chas. H. Smith

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UNITED STATES PATENT OFFICE.

E. H. WOODWARD, OF NEW YORK, N. Y.

IMPROVEMENT IN TILES OR SLABS FOR FLOORING AND WAINSCOTING, AND FOR THE MANUFACTURE OF FURNITURE.

Specification forming part of Letters Patent No. 97,333, dated November 30, 1869.

To all whom it may concern:

Be it known that I, E. H. WOODWARD, of the city and State of New York, have invented a new and useful improvement in Tiles or Slabs for Flooring, Wainscoting, &c.; and the following is declared to be a correct description of the said invention.

A want has long been experienced of a reliable flooring material that could be used in place of floor-cloth, vitrified tiles, or slabs of marble, so as to be sufficiently ornamental, but less costly and free from the objectionable features of tiles or marble.

My invention is designed with a view to the manufacture of slabs or tiles for the flooring and wainscoting of buildings in an ornamental manner.

I make use of sheets of different-colored wood veneer, cut from around the log, or otherwise, and roll or lay them around a core of the desired shape to form the pattern, and cause them to adhere together by glue or other suitable soluble or insoluble material, and the log or block thus formed is sawed or cut into tiles of the desired thickness, so as to expose the ends of the sheets of wood, or other material.

The tiles, when cut, may be backed by any suitable strengthening material.

Sheets of different-colored porcelain material may be rolled to the desired thickness, and formed into tiles in like manner, and baked.

It is obvious that some patterns may be made without a core.

The end of the material presents the form or ornamental character resulting from the manner in which the sheets are laid together, especially when woods or material of different colors are employed, and said colors may be produced by using natural wood, or the wood or other material may be colored or dyed to obtain the desired color.

In the drawings, Figure 1 shows a plan of the tiling, with several different patterns. Fig. 2 is a section showing how the slabs may be fastened, and Fig. 3 shows a portion of a tile in larger size.

One of said tiles or slabs is shown at *a* with rings of veneer formed by laying up sheets of material and gluing or otherwise cementing the sheets to each other. The block is then cut up into sections, and the edges are straightened or trimmed to shape.

The flooring or wainscoting is laid down in any known or suitable way.

I have shown the edges of the tiles as formed with grooved or undercut sides, so as to be held down by the strips *i*, that are fastened to the floor.

The surfaces should be dressed off smooth, oiled, waxed, or vitrified with a suitable hardening compound, so as to exclude moisture, when the slabs or tiles are made of sheets of veneer glued or cemented together.

It will be evident that a variety of patterns may be produced by laying the sheets of material together in whatever manner may best suit the taste of the manufacturer or produce the designated pattern.

I have shown at *b*, *c*, *d*, and *e* some of the patterns that may be produced in this manner.

The sheets of wood or other material being of different colors, laid together as aforesaid, there is no risk of the pattern wearing out, because it extends entirely through the slab, and this article is to be distinguished from blocks or strips laid up at great cost, as by the use of sheets rolled up or laid together the manufacture is facilitated and the cost lessened. The said sheets may be thick paper or pasteboard rolled up, as aforesaid.

I claim as my invention—

A slab or tile formed of sheets of material laid together, as specified, and cut off so as to present the ends of the layers at the surface of such tile or slab, as specified.

Dated this 16th day of November, A. D. 1869.

E. H. WOODWARD.

Witnesses:

CHAS. H. SMITH,
GEO. D. WALKER.