Dec. 29, 1925. 1,567,390

S. A. RUPPERT

WOOD LAMP BASE CONSTRUCTION

Filed April 10, 1925

Fig. 1.

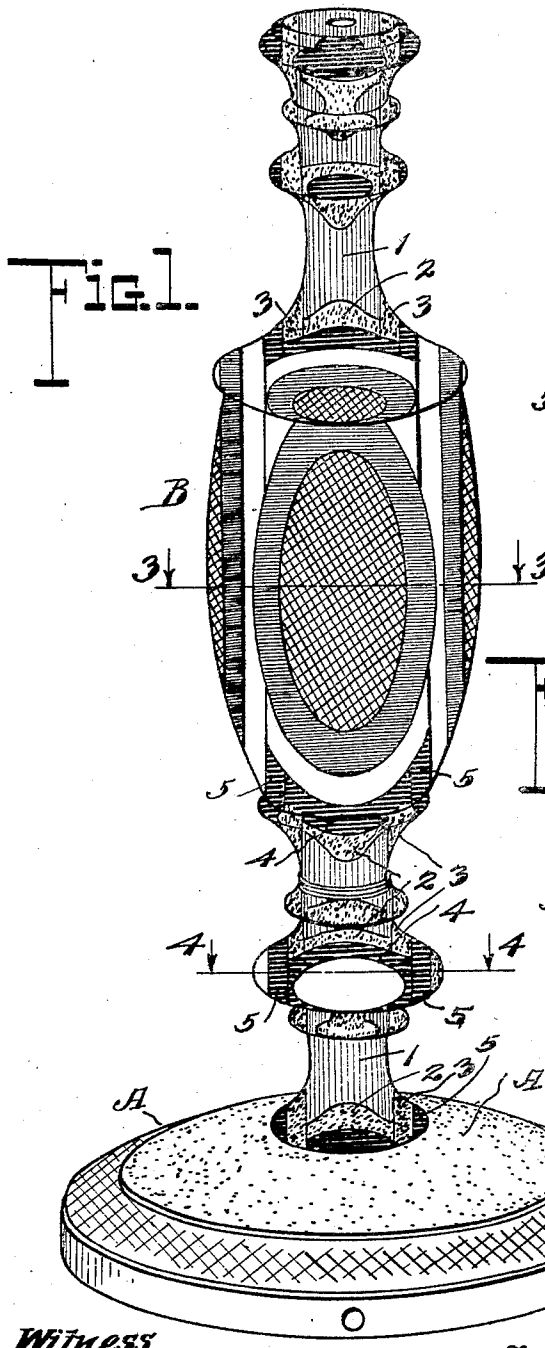


Fig. 2.

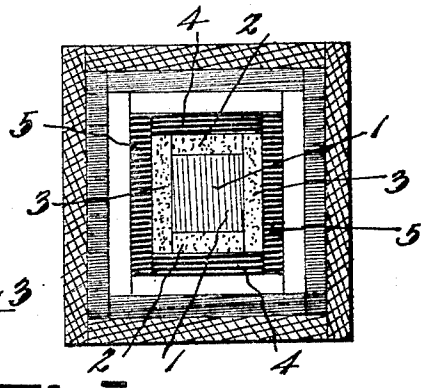


Fig. 3.

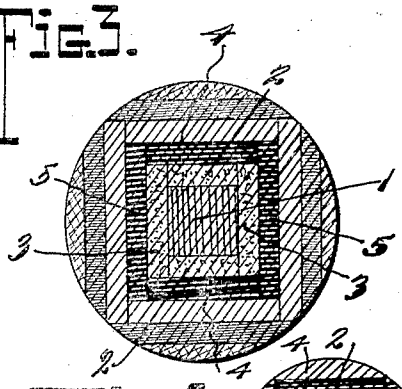
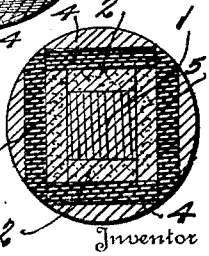


Fig. 4.



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UNITED STATES PATENT OFFICE.

STEVEN A. RUPPERT, OF CLEVELAND, OHIO.

WOOD LAMP-BASE CONSTRUCTION.

Application filed April 10, 1925. Serial No. 22,129.

To all whom it may concern:

Be it known that I, STEVEN A. RUPPERT, citizen of Austria, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Wood Lamp-Base Constructions, of which the following is a specification.

I have illustrated the carrying out of my invention as it is adapted for the construction of lamp bases, but practically speaking, the invention consists of an ornamental composite wood structure, irrespective of the particular purpose for which it is designed. In the carrying out of my invention I secure together in a peculiar manner layers or laminæ of wood preferably adhesively attached in order to build up a column or body structure. When the various layers of wood are thus assembled into a solid body the structure may be turned in any well known type of wood turning machine and various designs of wood structures thus made. The structure may be turned to provide a lamp base, a candle stick, a leg design for a chair, and into various shapes that may be suitable for many different purposes of manufacture of wooden articles. When the wood body structure is thus turned, being made up of layers of wood, which layers are of different colors or kinds of wood, the said differently colored woods show themselves at different places in the final turned article and in this way I have created an ornamental structure which is highly artistic and susceptible of meeting the approval and artistic taste of prospective purchasers.

An essential object of my invention has been to peculiarly dispose the wood layers or laminæ so that two opposing outside layers of wood will overlap the edges of two opposing layers or strips disposed at right angles thereto. In the foregoing manner I obtain a very tight structure in which the various wood strips or layers so overlap as to not only produce unique ornamental effects when the wood structure is turned out from a wood turning machine, but the inside wood strips are very fully housed and not liable to be subject to possible distortion through action of varying atmospheric conditions. Of course, the employment of the wood strips in layers as suggested affords a very substantial construction subserving the strength and rigidity of the final wooden article in an obvious manner.

A full understanding of the invention will be had upon reference to the following description in conjunction with the following drawings in which:

Figure 1 is a perspective view of the lamp base embodying the invention.

Figure 2 is a view showing a solid wood structure made up of laminæ or strips of wood secured together and in substantially the form in which they are used to be turned on a turning machine to provide the selected design of the final wooden article.

Figures 3 and 4 are horizontal sectional views of the article of the invention according to the embodiment illustrated, and taken on the lines 3—3 and 4—4, of Figure 1.

Referring to the drawings the wooden article illustrated in Figure 1 is a lamp base, comprising the base "A" proper and the body or pedestal "B."

It will be evident that the body of the lamp base is turned on a turning machine so as to give to it an artistic form suitable to meet the taste of prospective purchasers and, of course, conforming with the requirements of symmetry and good design.

The particular design of the pedestal "B" is not material to the invention for it is obvious that many different kinds of designs of wooden articles may be turned out of a column or wood structure made up in the manner now to be described.

The body or pedestal "B" is composed of a central core piece 1, to opposite sides of which are attached strips 2 of a width equivalent to the width of the core piece, and of comparatively shallow depth. To the other opposite sides of the core piece 1 are attached strips or layers of wood 3, which are of a width equal to the width or diameter of the core piece and the depth of the strips or layers 2 of wood previously referred to. Applied to the outer sides of the strips 2 are additional strips 4 of a width equal to the width of the strips 2 plus the depths or thicknesses of the strips 3. Additionally applied to the outer faces of the strips 3 are the strips 5, which are in turn of a width equal to the length of the strips 3 plus the depth or thickness of the strips 4.

The body structure made up of the strips or layers of wood described may be continued to be built up as set forth until it is of any suitable size for the making of the particular wooden article intended to be con-

structed from the composite structure thus created.

It is notable that the various wooden strips used are to be of different kinds of wood and therefore will be of different colors. For instance, the core 1 may be made of mahogany, the strips 2 of walnut, the strips 3 of walnut, the strips 4 and 5 of mahogany, and so on. By using colored woods like walnut, mahogany, orange wood and maple, the wooden structure when completed will be beautifully colored after coming from the turning machine.

In order that the design obtained by the carrying out of the invention may be of a uniform nature on the various sides of the ultimate article, it is preferred that the layers or strips of wood which together form squares, so to speak, as for instance, the strips 2 and 3, shall be of one color, and the adjacent strips forming the squares 4 and 5 of a like color, but different from that of strips 2 and 3. Under these conditions there is obtained a uniformity of coloring or distribution of colors of the wood sections in the final ornamental article produced which is very desirable, and an intentionally provided feature of the invention.

The base "A" proper of the article shown in the drawings may be made up itself of layers of wood, as for instance, the layer A′ of maple and the base layer A″ of mahogany.

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

1. In a composite ornamental wood structure of the class described, in combination, a body comprising a poly-sided core, a plurality of layers of wood of varying color correspondingly applied to each side of said core, the body aforesaid being turned down symmetrically to expose each layer of each side whereby to form a corresponding distinctive panel design with respect to opposing sides of the body.

2. In a composite ornamental wood structure of the class described, in combination, a body comprising a core, a plurality of layers of wood of varying color applied to each side of said core, the edge of each layer of a side extending into contacting relation to the edge of the corresponding layer of the adjacent side, the body being turned down to expose a surface of each layer of opposing sides of the body whereby to form corresponding closed panel designs about the sides of the body.

In testimony whereof I affix my signature.

STEVEN A. RUPPERT.