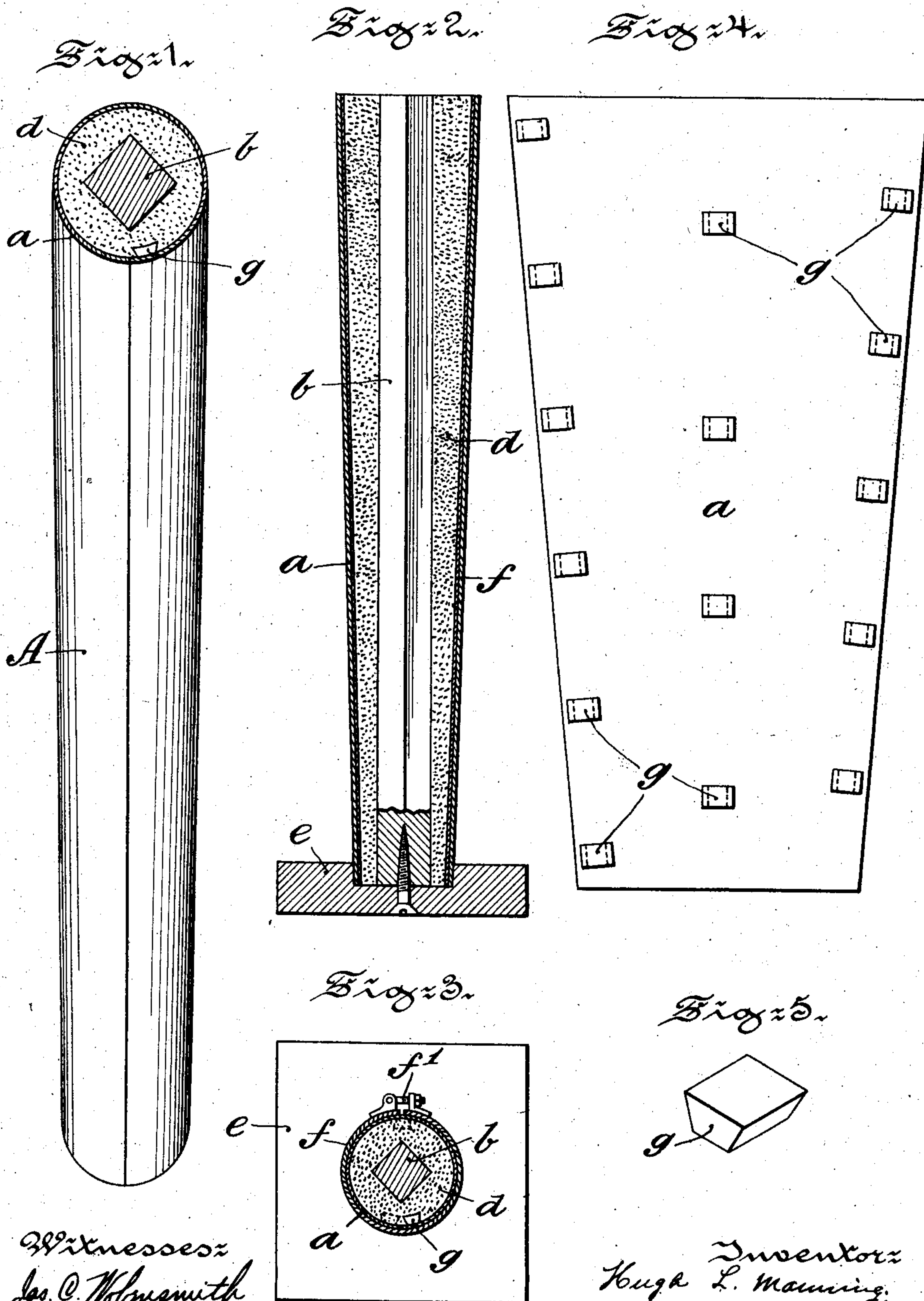


No. 834,391.

PATENTED OCT. 30, 1906.

H. L. MANNING.
VENEERED COLUMN.
APPLICATION FILED APR. 12, 1906.



Witnesses:
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UNITED STATES PATENT OFFICE.

HUGH L. MANNING, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF
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VENEERED COLUMN.

No. 834,391.

Specification of Letters Patent.

Patented Oct. 30, 1906.

Application filed April 12, 1906. Serial No. 311,241.

To all whom it may concern:

Be it known that I, HUGH L. MANNING, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in the Manufacture of Veneered Columns and the Like, of which the following is a specification.

Heretofore in the manufacture of veneered columns and similar articles the usual manner of procedure was to first turn down into proper shape the base or core of common or inexpensive wood and to thereafter glue upon the perimeter of the base or core the sheet of veneering. Besides the expense of the materials used, the labor and skill required to turn the base or core into proper shape and to properly fasten the veneer to the wooden base or core have made the manufacture of standards or columns in this way very expensive. Besides this disadvantage, the base or core, being of wood different from the hard-wood veneer, readily shrank under heat and expanded in the presence of moisture, with the result of either stripping the fastened veneer from the core or splitting the veneer as the core expanded.

The object of my present invention is to provide a veneered column or the like in which the core cannot shrink or expand and to which core the veneer is permanently fixed or secured.

The nature and scope of my invention will be more fully understood from the following description, taken in connection with the accompanying drawings, forming part hereof, in which—

Figure 1 is a perspective view of a column made according to my improved method. Fig. 2 is a vertical sectional view, on a reduced scale, illustrating the column and the apparatus for making said column. Fig. 3 is a top or plan view of Fig. 2. Fig. 4 is an inside plan view of the sheet of veneer forming the outside of the column; and Fig. 5 is a perspective view, enlarged, of one of the fastening-blocks upon the inside of the sheet of veneer.

Referring to the drawings, the preferred form of column A, Fig. 1, consists of the exterior layer or facing *a* of veneer and a composite inner core consisting of the stake or standard *b* of wood and the plastic composi-

tion *d* uniting the veneer *a* firmly to the standard *b*.

The method of producing the column, as illustrated in the remaining figures of the drawings, is as follows:

To a base *e* is secured the wooden standard *b*, and supported by this base *e* is a tubular mold *f*. The sheet of veneer *a* is first properly dampened until it can be rolled to fit snugly within the mold *f*, and then between the inner face of the veneer *a* and the standard *b* is poured a liquid or plastic composition *d*, which will rapidly set or harden and which when set will firmly adhere to the veneer *a*, as well as to the standard *b*. Such a composition as dental plaster has been found suitable for this purpose; but I do not confine my present invention to the employment of any particular composition, but many compositions which can be poured when liquid into the mold and will rapidly set or harden come within the spirit of my invention.

To more firmly fix, if possible, the veneer sheet *a* to the hardening composition *d*, there is placed upon the inner face of the sheet *a* (see Figs. 4 and 5) a number of dovetailed blocks *g*, which when the composition *d* sets serve to interlock the veneer with the composition.

It is obvious that the size or shape of the standard *b* may be varied at pleasure. It may be larger than shown or wholly dispensed with, in which latter instance the core of the column would be entirely of the plastic composition *d*.

So far as I am aware it is new with myself to secure the veneer sheet *a* in its proper shape and form by means of a plastic composition which sets or hardens and which when set holds the sheet of veneer firmly and which after setting will neither shrink or expand.

After the composition *d* has set firmly the veneered column is withdrawn from the mold *f* by unscrewing the standard *b* from the base *e* of said mold and then unloosening the catches or clamps *f'*, which hold the mold together. The mold *f* in its preferred construction is in the form of a split sleeve or tube, although it may be in any form which will permit of the withdrawal of the finished structure after the composition *d* has hardened.

Having thus described the nature and ob-

ject of my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. As a new article of manufacture a column or similar article having an external face
5 of veneer and an internal core of a hardened non-shrinking plastic material to which the veneer is united.

2. As a new article of manufacture a column having an external face of veneer, and
10 an internal core consisting of a wooden stand-

ard and a set plastic composition to which the veneer and the standard are united.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

HUGH L. MANNING.

Witnesses:

MARY I. BRADLEY,

FRED E. NUSPICKEL.