

O. KNIPFER.

Improvement in the Manufacture of Pressed-Wood Articles.

No. 127,353.

Patented May 28, 1872.

Fig. 1.

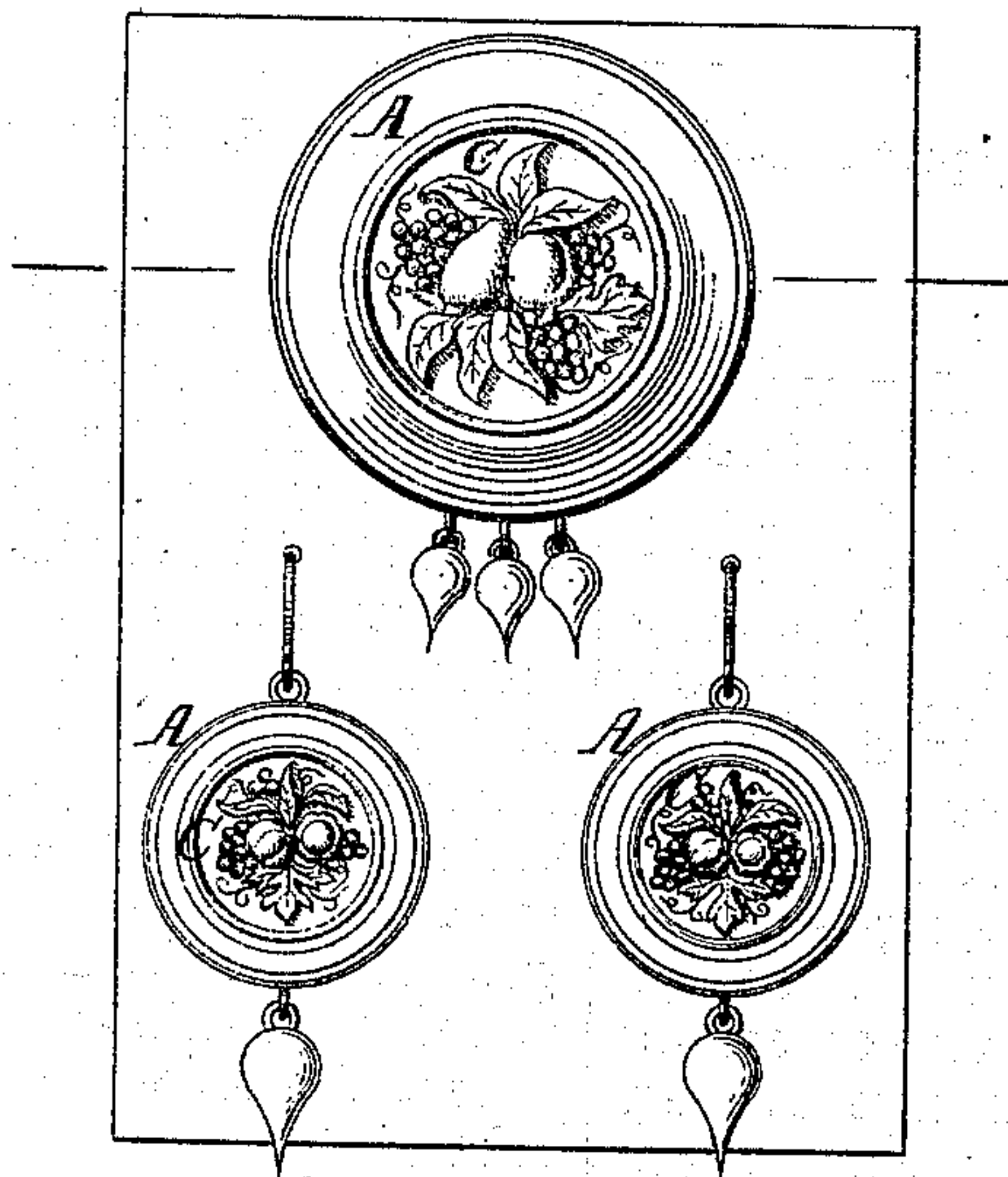
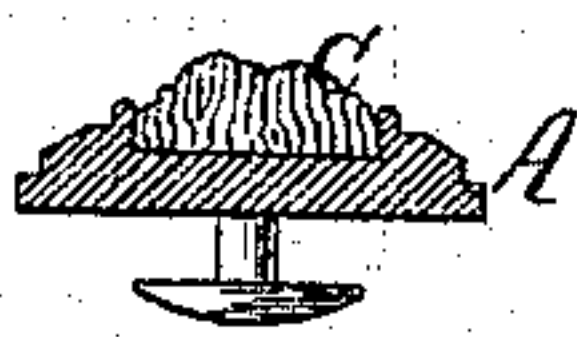


Fig. 2.



Fig. 3.



Witnesses.

C. Wahlen.

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OTTO KNIPFER, OF BRIDGEPORT, CONNECTICUT, ASSIGNOR TO CLAPP
SPOONER, OF SAME PLACE.

IMPROVEMENT IN THE MANUFACTURE OF PRESSED-WOOD ARTICLES.

Specification forming part of Letters Patent No. 127,353, dated May 28, 1872.

To all whom it may concern:

Be it known that I, OTTO KNIPFER, of Bridgeport, in the county of Fairfield and State of Connecticut, have invented a new and useful Improvement in the Manufacture of Pressed Wood; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which drawing—

Figure 1 represents face views of a breast-pin and ear-rings to match, produced according to my invention, displayed upon a card. Fig. 2 is a cross-section of the breast-pin. Fig. 3 is a cross-section of a sleeve-button made according to this invention.

Similar letters indicate corresponding parts.

This invention relates to the manufacture of useful and ornamental articles from pressed wood, prepared and treated, and pressed into ornamental forms endwise of the grain, as described in Letters Patent of the United States No. 50,608, granted October 24, 1865, to Henry May, for stamping or molding wood; and consists in combining medallions and other ornaments of such pressed wood with ivory, plain wood, or other suitable material, in such a manner that the latter shall form a setting for the pressed wood, to support and hold and display the same.

Various articles of use or ornament can be made by means of this invention, and, by taking advantage of the colors of the pressed wood and of the other materials, I can produce a variety of changes and ornamental contrasts in the appearance of such articles.

My invention is applicable to breast-pins, brooches, ear-rings, studs, sleeve-buttons, door-knobs, and other articles of use or ornament. The pressed-wood ornaments may be arranged and inlaid centrally in the setting, as in the example I have here shown, or they may be arranged and inlaid in annular form, or in radial pieces, or circumferentially, like a rim-border, round the face of the article.

The examples of my invention here shown consist of a brooch or breast-pin, and pair of ear-rings, and a sleeve-button, which will illustrate the application of my invention in the production of other articles.

The letter A in the several figures designates a frame or setting of ivory, provided on its face with a recess, B, in which I place a pressed-wood ornament or medallion, C, produced from wood that is freed from moisture, and pressed and molded, so as to have an ornamental form or surface by pressure endwise of the grain, according to the invention described in said Letters Patent of Henry May; the surfaces that come together of the wood ornament and setting being prepared with glue or other cement, or provided with any suitable fastening device, if preferred, so that they will adhere or be properly secured to each other.

The recess is varied in depth and shape to suit the size and shape of the pressed-wood ornament to be inlaid therein; and it is obvious that many variations in shape can be produced; for instance, the pressed wood ornament or ornaments can be made annular, or can extend in radial lines, or can be arranged circumferentially, rim-like, upon the setting, with or without a central ornament, or can be arranged in continuous or interrupted lines, of various width or extent, to produce simple or elaborate combinations, according to the taste or preference of the manufacturer.

The frame or setting A of the articles produced according to my invention are provided in any usual manner with the appropriate fastening devices, such as a pin for the brooch or breast-pin, hooks for the ear-rings, and fastening-disks for the sleeve-button, as shown in the drawing.

The setting A can be made of other materials besides ivory, according to the colors or other qualities which it is desired to obtain; as, for example, ebony or other hard wood susceptible of a good finish may be employed, or various metals or minerals, as also hard rubber or other substances or compounds.

What I claim as new, and desire to secure by Letters Patent, is—

The combination of pressed-wood ornaments C with a setting, A, substantially as described.

OTTO KNIPFER.

Witnesses:

MORRIS B. BEARDSLEY,
ALFRED B. BEERS.