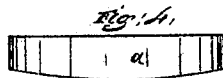
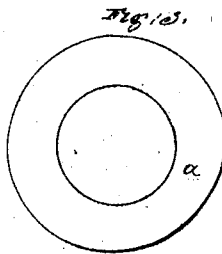
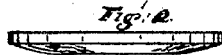
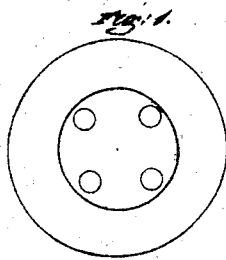


L.L. & A.L. Platt,
Button.

No. 11,176.

Patented June 27, 1854.



UNITED STATES PATENT OFFICE.

L. L. PLATT AND A. L. PLATT, OF NEWTOWN, CONNECTICUT.

MANUFACTURE OF WOODEN BUTTONS.

Specification of Letters Patent No. 11,176, dated June 27, 1854.

To all whom it may concern:

Be it known that we, L. L. PLATT and A. L. PLATT, of Newtown, in the county of Fairfield and State of Connecticut, have invented a new and useful Improvement in the Manufacture of Wooden Buttons; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1, is a face view of our improved button. Fig. 2, is an edge view of ditto. Fig. 3, is a face view of a blank or circular piece that is cut from the wood before being compressed and punched. Fig. 4, is an edge view of ditto.

Similar letters of reference indicate corresponding parts in the several figures.

This invention relates to a new and useful improvement in wood buttons, and consists in compressing the blanks or circular pieces of wood, so as to render the wood compact and dense, and causing the buttons to be as strong and durable as those manufactured from bones.

To enable others skilled in the art to manufacture our improved wooden buttons, we will proceed to describe the manner in which they are constructed.

Circular pieces of wood, (*a*), Figs. 3 and 4, which we term "blanks," are cut out by means of bits or other proper tools from slabs, the thickness of which is much greater than that the buttons are intended to be, see Figs. 2 and 4, Fig. 4 representing the edge of a blank, and Fig. 2 the edge of a button. These blanks, (*a*), are then com-

pressed in a die, and reduced in thickness so as to correspond in size to buttons made of bone. The wood, by being compressed, is rendered compact or dense, and its strength is very materially increased. Wooden buttons thus made are equally as strong and durable as those made of bone of a corresponding size.

The principal objection to wooden buttons, as now made, is, they are necessarily cumbersome, being made much thicker than bone buttons of the same diameter, in order to give them sufficient strength. Cheapness is the only thing that can be said in favor of them. By our improvement we can produce a wooden button as cheap as the inferior ones now made and as durable as those made of bone.

The holes through the center of the button, see Fig. 1, may be punched or drilled. Punched holes are equally as good, perhaps preferable, to drilled holes, and may be made at the same time the wood is compressed.

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

Manufacturing wooden buttons by cutting the "blanks" from slabs, which are of a greater thickness than the buttons are intended to be, and reducing said "blanks," by pressure, to the desired thickness, for the purpose of forming durable and well proportioned buttons, as herein set forth.

L. L. PLATT.
A. L. PLATT.

Witnesses:

L. D. BIDWELL,
SAMUEL B. PECK.