M. Fitzgibbons,

Wooden Box,

No. 83,770. Patented Nov. 3, 1868.

Fig. 1.

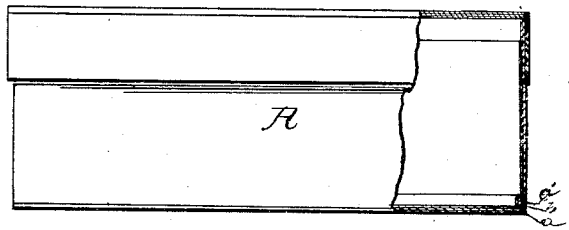
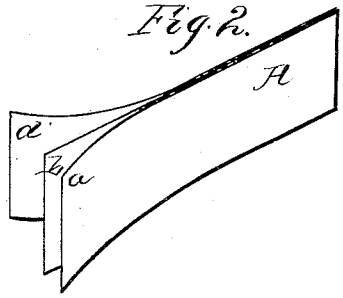


Fig. 2.



Witnesses.
C. A. Pettis
S. C. Kemon

Inventor.
M. Fitzgibbons
By Munn & Co
Attorneys

THE NORRIS PETERS CO., WASHINGTON, D. C.

United States Patent Office.

MAURICE FITZGIBBONS, OF NEW YORK, N. Y.

Letters Patent No. 83,770, *dated November* 3, 1868.

IMPROVED WOODEN BOX.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, MAURICE FITZGIBBONS, of the city, county, and State of New York; have invented a new and useful Improvement in Wooden Boxes; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a side elevation of a box, a part of the side being removed, and

Figure 2 is a view in perspective of a strip of my material.

This invention consists in constructing boxes of a material composed of a strip of paper, having on each side, firmly glued to it, a thin strip or sheet of wood, by which construction the material is made strong, elastic, and impervious to water, whether applied on the inside or outside of the box.

In the drawings, A represents a strip, composed of two pieces of wood *a a'*, glued, one to each side of a strip of paper, *b*.

In fig. 1, the material thus made is seen applied to the manufacture of a cylindrical box, but I do not design to limit its use to the manufacture of this particular form of box, but intend to apply it to the making of boxes of any form or size whatever.

To prepare the stuff for use, thin sheets of wood are cut in sizes to suit the sheets of paper employed. These wooden sheets are then glued, one to each side of the sheet of paper, when the three are placed under a press and left there till dry: The stuff is then taken out and cut into the shapes desired.

It is obvious that this material must be exceedingly cheap, and that it may be made up into strong and elastic, and at the same time light and convenient articles.

I am aware that the combination of wood and paper for analogous use, is not new, reference being had to a material composed of a strip of wood between two thicknesses of paper, and to a material composed of a single strip of wood with a sheet of paper glued to one side of it. Over both of the materials referred to, I insist that mine, herein described, possesses important advantages, such as that it is stronger, firmer, and more durable, and that, having a wood surface, both inside and out, the box can be used for holding and transporting liquids, while it is perfectly water-proof on its outside. Besides the advantage of being less permeable by water, it does not become so quickly discolored. I do not here specify any particular species of wood as preferable for this use, as almost any kind will answer very well.

Having thus described my invention,

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

As an article of manufacture, a box, A, constructed of a material consisting of two sheets of wood, with one sheet of paper between them, the sheets of wood and paper being glued together, substantially as herein described.

To the above specification of my improvement, I have signed my hand, this 27th day of August, 1868.

MAURICE FITZGIBBONS.

Witnesses:

D. W. HUBBELL,

N. A. HALSEY.