C. D. WILSON & E. GERRY.

Compound for Picture-Frames.

No. 159,555. Patented Feb. 9, 1875.

Fig. 1.

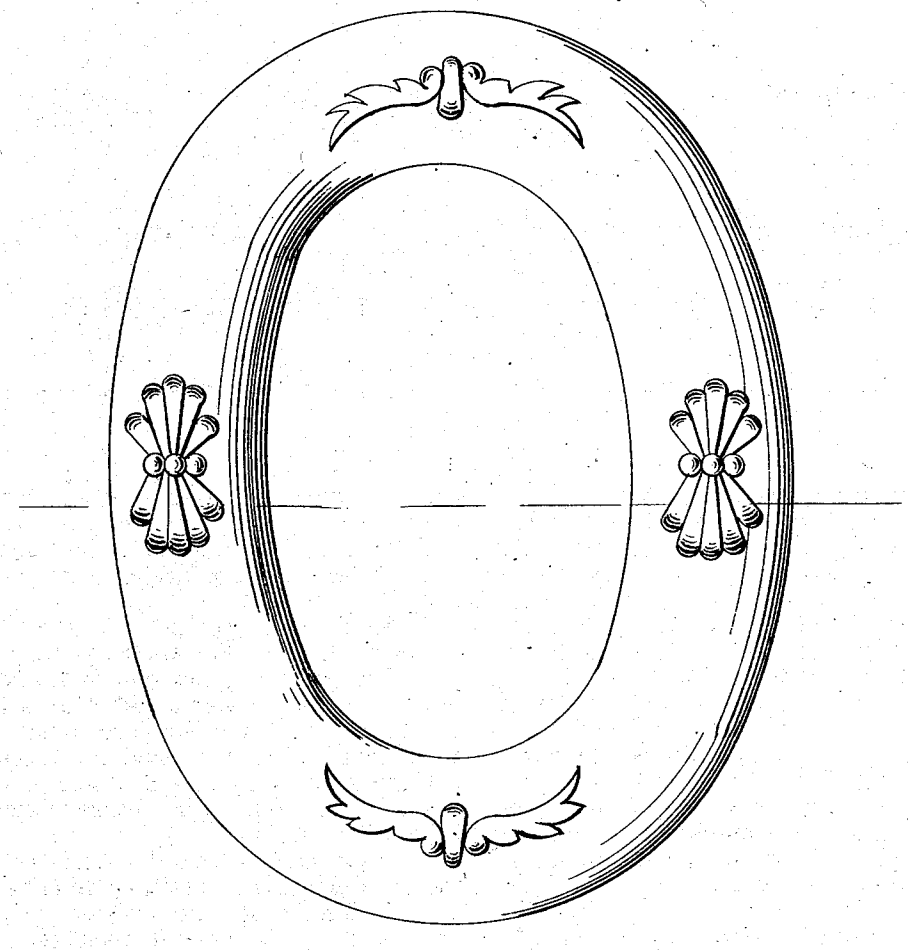
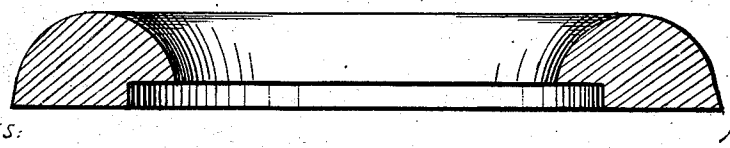


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

CHARLES D. WILSON AND EDSON GERRY, OF ELMWOOD, ILLINOIS.

IMPROVEMENT IN COMPOUNDS FOR PICTURE-FRAMES.

Specification forming part of Letters Patent No. **159,555**, dated February 9, 1875; application filed November 24, 1874.

To all whom it may concern:

Be it known that we, CHAS. D. WILSON and EDSON GERRY, of the town of Elmwood, in the county of Peoria and State of Illinois, have invented certain new and useful improvements in compounds to be applied in the manufacture of picture-frames and other articles; and we do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings which form a part of this specification.

The nature of our invention consists in a compound, of which straw pulp forms a component part, for the manufacture of looking-glass and picture frames, toys, moldings, and cornices, vessels of any description, or any article for which it may be found applicable, as will be hereinafter more fully set forth.

The annexed drawings represent a picture-frame made of our compound.

The main ingredient of our compound is straw pulp, which is mixed with the following, viz.: One-half ounce gum-shellac, quantity of alcohol to cut the gum, one-half ounce of glue, reduced to a thin solution, one-half pint molasses, one-half or one pint glycerine, quantity of ammoniacal solution of copper to make the pulp moist.

When the pulp is thoroughly moistened or saturated with the required liquid, it is molded or otherwise formed in the desired shape, and, when dry, it is perfectly hard, and will not be affected by dampness or heat so as to warp or crack.

Articles to be used in and about water should have the shellac applied to the surface.

Articles made of straw pulp in this manner are impervious to water, and difficult to break; hence, this compound is a good substitute for wood, iron, and clay in many instances.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

The compound described for frames, moldings, &c., consisting of straw pulp mixed with gum-shellac, alcohol, glue, molasses, glycerine, and a solution of copper in about the proportions substantially as and for the purpose specified.

In testimony that we claim the foregoing as our own invention we affix our signatures in presence of two witnesses.

C. D. WILSON.
EDSON GERRY.

Witnesses:
A. L. TRACY,
W. I. PHELPS.