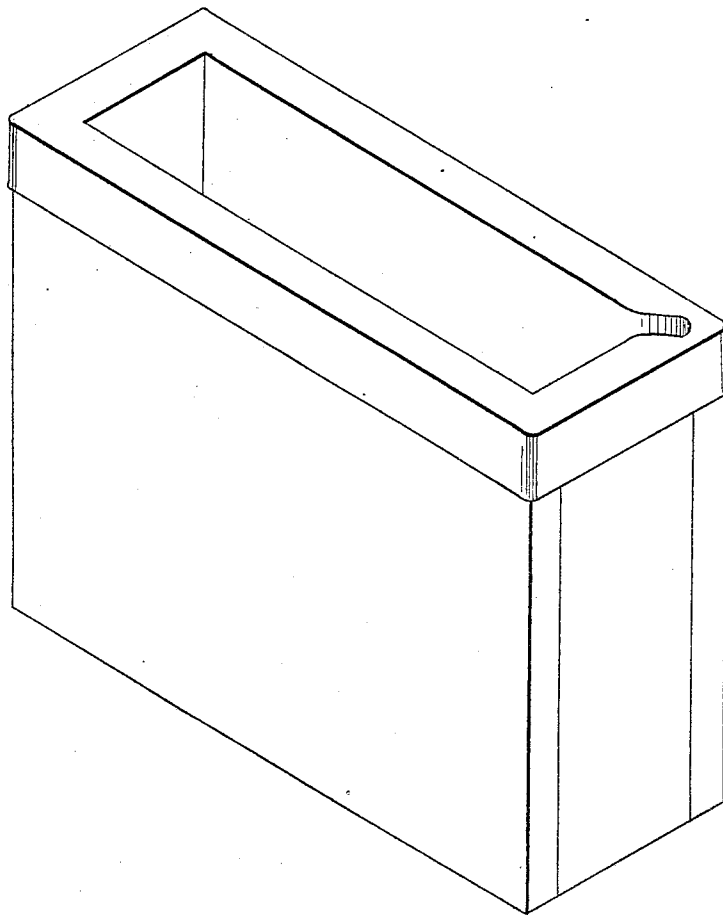


H. T. Anthony,
Photographic Bath,
Nº 42,061, Patented Mar. 29, 1864.



Witnesses.

S. H. Maynard.
A. F. Britton.

Henry T. Anthony
Inventor.
J. P. Pirson
Attorney.

UNITED STATES PATENT OFFICE.

HENRY T. ANTHONY, OF NEW YORK, N. Y.

IMPROVEMENT IN CUVETTES AND TRAYS FOR PHOTOGRAPHIC PURPOSES.

Specification forming part of Letters Patent No. 42,061, dated March 29, 1864.

To all whom it may concern:

Be it known that I, HENRY T. ANTHONY, of the city, county, and State of New York, have invented a new and useful Improvement in Cuvettes, &c., for Photographic Purposes; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being made to the annexed drawing, making a part of this specification, in which the figure is a perspective view of a cuvette constructed according to my improved plan.

My invention is an improvement in the manner of constructing the cuvettes, trays, and other vessels employed in photographic operations for holding the various solutions required. Hitherto these vessels have been made of glass or porcelain, in the usual way of blowing or molding, and for the smaller sizes these materials answer the purpose satisfactorily, but for the larger ones now demanded by the art it has been found impracticable to make them by blowing or molding, and resort has therefore been had to building up such vessels of plates either of glass or porcelain. This is not only a costly process, but the cements employed are acted on by the solutions used and become leaky.

I make the vessels by building them up of wood and coating the interior with some

proper material which will receive and retain paraffine. The best manner of applying this I have found to be to cement upon the interior of the wooden vessel a lining of felt or other fibrous or textile fabric, and on this a covering of thick brown paper. The vessel is then to be filled with melted paraffine, and the paper is soon saturated, when the remaining paraffine is to be poured off and the vessel is ready for use. The purpose of the felt is to afford a slightly yielding ground for the paper, so that it shall not be readily torn by the plates introduced into the solutions. The felt or other fibrous or textile fabric will alone suffice to take and retain the paraffine and make a good vessel, but the covering of paper renders the surface smoother. I am thus enabled to make vessels of the largest size required in the art, and at a trifling cost as compared with those hitherto made, while they also resist the action of the solutions better even than those of pottery.

I claim—

Constructing cuvettes and other vessels for holding the solutions for photographic uses in the manner substantially as described.

HENRY T. ANTHONY.

Witnesses:

J. P. PIRSSON,
S. H. MAYNARD.