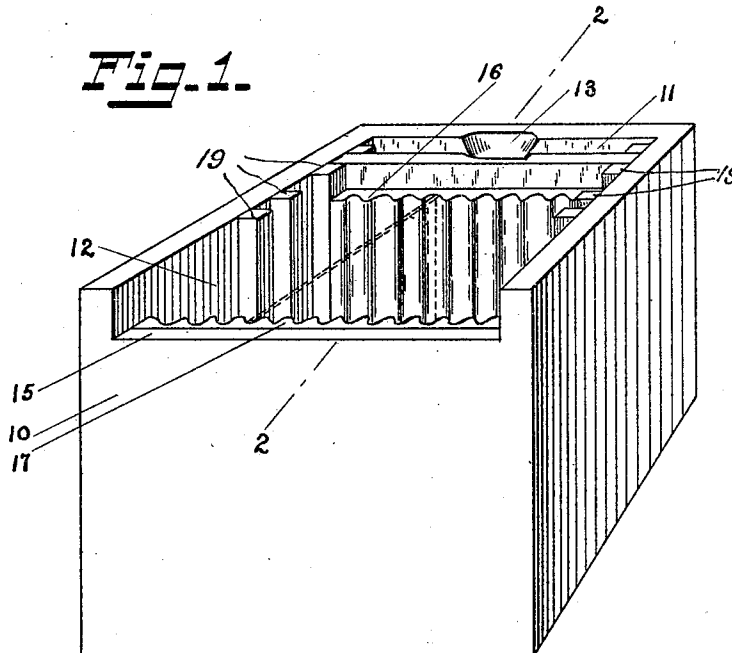
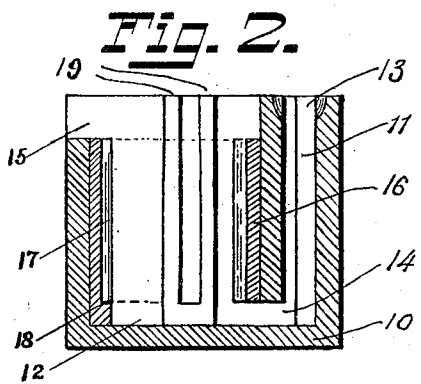
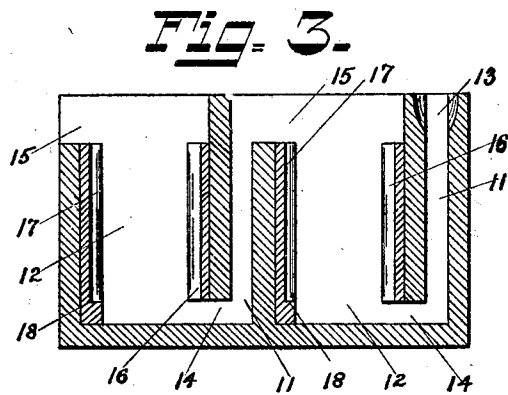


No. 820,646.

PATENTED MAY 15, 1906.

D. S. JACOBUS.
WASHING BOX FOR PHOTOGRAPHIC PLATES.
APPLICATION FILED JULY 21, 1905.



Witnesses
Chas. W. Thomas
Raena H. Judisfy.

David S. Jacobus Inventor
By his Attorney Red P. Schuch.

UNITED STATES PATENT OFFICE.

DAVID S. JACOBUS, OF JERSEY CITY, NEW JERSEY, ASSIGNOR TO
MARTIN R. JACOBUS, OF RIDGEFIELD, NEW JERSEY.

WASHING-BOX FOR PHOTOGRAPHIC PLATES.

No. 820,646.

Specification of Letters Patent.

Patented May 15, 1906.

Application filed July 21, 1905. Serial No. 270,673.

To all whom it may concern:

Be it known that I, DAVID S. JACOBUS, a citizen of the United States, and a resident of Jersey City, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Washing-Boxes for Photographic Plates, of which the following is a specification.

My invention relates to washing or fixing boxes for photographic plates, and has for its object to construct a box in which the water or other liquid will be uniformly distributed and will thoroughly and uniformly wash the plates contained therein.

For this purpose my invention consists, essentially, of a box made of suitable material and divided into two compartments—a compartment adapted to receive the incoming liquid and a compartment adapted to retain a number of plates parallel to the direction of flow—said compartments communicating with each other at the bottom.

My invention will best be understood when described in connection with the accompanying drawings, in which—

Figure 1 is a perspective view of my washing-box. Fig. 2 is a sectional view, on a reduced scale, taken on the line 2 2, Fig. 1. Fig. 3 is a view showing a number of boxes arranged in series.

Similar numerals of reference designate corresponding parts throughout the several views.

Referring now to the drawings, 10 indicates a box made of suitable material, such as wood or hard rubber, and divided into two compartments 11 and 12, the former being a receiving-compartment and the latter a washing-compartment. I prefer to make the compartment 11 narrow and of small capacity. It is provided at the top with a funnel-shaped inlet 13, so that it may be placed directly under a faucet, or I may provide any suitable water connection. At the bottom of this chamber is a narrow opening 14, extending usually the entire length of the compartment and forming a communication between the two compartments 11 and 12. The washing-compartment 12 is provided with an outlet 15 at the top, usually extending over the entire length of the compartment and at a level below that of the inlet 13

to the receiving-compartment, so as to insure a definite circulation. The opposite longitudinal sides of the compartment 12 are corrugated or provided with corrugated side pieces 16 and 17, serving to retain the plates.

The side piece 16 may of course be made adjustable by making it removable from the guide-pieces 19, thus allowing the use of different-size plates.

At the bottom of the side piece 17 I provide a projection or ledge 18 to keep the plates off the bottom.

Water is admitted to the receiving-compartment 11 at 13 and then passes through the opening 14, extending along the bottom to the washing-compartment 12. It is thus uniformly distributed to the compartment 12 and in its upward course thoroughly and uniformly washes the plates, finally passing out through the outlet 15, which is at a level below that of the inlet 13.

In Fig. 3 I have shown a number of these boxes arranged in series, so that the liquid discharged by one may be used by those following.

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

1. A washing-box for photographic plates, comprising a narrow receiving-compartment adapted to receive the incoming liquid, an inlet to said receiving-compartment, a washing-compartment communicating with said receiving-compartment through an opening extending along the bottom of said compartments, an outlet at the opposite side of said washing-compartment at a level below that of said inlet to the receiving-compartment and adjustable means to retain a number of plates in planes at right angles to the partition separating the receiving-compartment from the washing-compartment.

2. A washing-box for photographic plates comprising a rectangular box divided into two compartments, a narrow receiving-compartment adapted to receive the incoming liquid, and a washing-compartment adjacent to and communicating with the former compartment at the bottom thereof through an opening extending along the length of the washing-compartment; an outlet at the top and opposite side of said washing-compartment and at a level below that of the inlet

to said receiving-compartment and extending the length of the washing-compartment; and corrugated side pieces in said washing-chamber adapted to retain plates in planes at
5 right angles to the partition separating the receiving-compartment from the washing-compartment

Signed at Hoboken, in the county of Hudson and State of New Jersey, this 14th day of July, A. D. 1905.

DAVID S. JACOBUS.

Witnesses:

H. F. RAETZ,
CHAS. C. BERTSCH.