UNITED STATES PATENT OFFICE.

JOHN PATRICK FERRITER, OF MIAMI, FLORIDA.

TRANSPARENT SLIDE AND PROCESS OF MAKING THE SAME.

1,181,754. Specification of Letters Patent. Patented May 2, 1916.

No Drawing. Application filed July 30, 1914. Serial No. 854,207.

To all whom it may concern:

Be it known that I, JOHN PATRICK FERRITER, a citizen of the United States, and resident of Miami, in the county of Dade and State of Florida, have invented certain new and useful Improvements in Transparent Slides and Processes of Making the Same; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in transparent stereopticon slides and the process of preparing the same, the object of the invention being to provide a simple and efficient manner of transferring to a slide, exact reproductions of written or other matter, and to so treat the glass of which the slide is composed that such transfer may be easily and quickly effected, and so that the finished slide shall be transparent.

With this object in view, the invention consists in certain features as hereinafter set forth and pointed out in the claim.

In preparing the slide, a solution consisting of banana oil (amylacetate with cellulose nitrate) approximately ninety-five per cent. and white shellac varnish approximately five per cent. is poured onto a glass plate and allowed to dry, which will require approximately thirty minutes. The plate thus treated is in condition to receive the reproduction of written, printed or other matter which it may be desired to transfer thereto. The written, printed or other copy will next be placed face down on the treated surface of the glass. A cloth moistened with alcohol will then be laid over the copy and a sheet of blotting paper will be placed over the cloth. The whole will now be subjected to light even pressure (which may be conveniently accomplished with the use of a padded letter press) for about one minute. When the slide shall have been removed from the press, the treated side of said slide will contain an exact reproduction of the "copy." The slide will now be translucent and to render it transparent, the film therein must be clarified and for this purpose, dammar varnish has been found to be most efficient.

In applying the clearing liquid, the same will be poured onto the treated face so as to cover the film, permitting the liquid to drain from one corner. When dry, the slide will be ready for use.

Having fully described my invention what I claim as new and desire to secure by Letters-Patent, is:—

An article of manufacture comprising a transparent support, having thereon a hard and dry film resulting from a mixture of banana oil and shellac.

In testimony whereof, I have signed this specification in the presence of two subscribing witnesses.

JOHN PATRICK FERRITER.

Witnesses:
W. A. MCDONALD,
W. D. KERBY.