

# UNITED STATES PATENT OFFICE.

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## IMPROVEMENT IN THE PROCESSES OF COLORING PHOTOGRAPHS.

Specification forming part of Letters Patent No. **206,968**, dated August 13, 1878; application filed May 27, 1878.

*To all whom it may concern:*

Be it known that we, WM. V. PRICE and JOHN G. KLINGAMAN, of Laporte City, in the county of Black Hawk and State of Iowa, have invented certain new and useful Improvements in Coloring Photographs; and we do hereby declare that the following is a full, clear, and exact description thereof.

This invention relates to an improved process for coloring photographs and other prints; and the invention consists in treating the photograph, after being mounted upon canvas or other suitable material, with a composition, whereby the photograph and its mounting are made transparent.

In carrying out our invention, we first mount the photograph upon canvas or other suitable material which has preferably been before secured on a stretcher.

Before mounting the photograph it should be made as thin as possible. This may be accomplished by saturating it with water, and then rubbing the back with the finger or a sponge until it is worn down. The photograph is then secured to the canvas with paste, which is applied to its back, so that when mounted the face is outward. Care should be taken to exclude all air and lumps of paste by rubbing the picture from its middle outward. As soon as the photograph is dry it is made transpar-

ent by a composition consisting of equal parts of castor-oil, alcohol, turpentine, and balsam-fir applied on both sides. The colors are then applied to the back of the picture on the canvas with a brush, as is well understood by artists.

By treating the picture with a composition of the above-mentioned parts the shading thereof is more plainly shown through the canvas and the colors are applied with a better effect than if castor-oil and alcohol alone are used to render the picture transparent.

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

The hereinbefore-described method of rendering photographs previously mounted upon canvas transparent for coloring by treating the same on both sides with a composition consisting of equal parts of castor-oil, alcohol, turpentine, and balsam-fir, as set forth.

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

WM. V. PRICE.  
J. G. KLINGAMAN.

Witnesses:

S. V. MOSHER,  
J. F. SULLIVAN.