

# United States Patent Office.

JULIUS MOOG, OF KARLSRUHE, GERMANY, ASSIGNOR TO EMIL HEUSNER,  
OF NEWARK, NEW JERSEY.

*Letters Patent No. 102,030, dated April 19, 1870.*

## IMPROVED METHOD OF TREATING TRACING-PAPER.

The Schedule referred to in these Letters Patent and making part of the same.

*To all whom it may concern :*

Be it known that I, JULIUS MOOG, of Karlsruhe, Baden, Germany, have invented a new and improved Method of Treating Tracing-Paper; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same.

This invention has for its object to remove the transparency from the tracing paper after a drawing has been transferred upon the same, so that it will be restored to the appearance of ordinary paper. The designs will thereby appear to have been made upon non-transparent drawing-paper, which will increase their value.

The tracing-paper is made by treating non-transparent paper with oily matter, such as oil of turpentine and others, such matter being generally mixed with some resinous substance. All that is required to restore the original appearance of the paper is to dissolve such oily matter and remove the same.

Alcohol, as well as ether and other liquids, are the best solvents for such oily and resinous substances. Therefore, when the drawing has been made, the paper is merely steeped in alcohol or its equivalent, and then

dried, when it will be as it was before it received the transparent quality.

The colors used for the design should be selected with a view to such restoring process, as otherwise some might become dissolved during the same.

The ordinary tracing-paper becomes brittle when old, and the drawings or other marks on it will therefore become destroyed.

By my process the oil is removed and the original quality of the paper restored. Paper of suitable thickness may be treated in this manner.

Having thus described my invention,

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

Restoring the original non-transparent quality to tracing-paper, after the same has received the design, substantially as herein shown and described.

The above specification of my invention signed by me this 29th day of June, 1869.

J. MOOG.

Witnesses:

GEORGE F. KETTELL,  
FRANZ SCHAEFFER.