

# UNITED STATES PATENT OFFICE.

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## METHOD OF PRODUCING COLORED DESIGNS.

SPECIFICATION forming part of Letters Patent No. 646,395, dated March 27, 1900.

Application filed March 31, 1896. Serial No. 585,625. (No specimens.)

*To all whom it may concern:*

Be it known that I, GEORG THURINGER, a subject of the Emperor of Germany, and a resident of Nuremberg, Germany, (assignor to the firm of E. G. MAY SOEHNE, of Frankfort-on-the-Main, Germany,) have invented certain new and useful Improvements in the Production of Colored Figures or Designs, of which the following is a specification.

10 This invention relates to the production of colored pictures having metallic lustrous effects; and it has for its object to provide a simple, cheap, and effective method of producing such pictures having such lustrous effects resembling so-called "enameled" pictures; and to these ends it consists in the method substantially as hereinafter set forth for accomplishing this result.

20 In carrying out the invention the material on which the picture is to be produced—such as paper or other material—is covered with a metallic surface, either completely or partially, in any of the well-known ways, and this surface is smoothed and polished or burnished, so that it acquires as high a luster as is possible. On the portions of the paper or other material thus prepared which are to embody lustrous metallic effects transparent colors are applied by the use of printing-plates or otherwise. These transparent colors being brought into intimate contact with the lustrous highly-glazed metallic surface or foundation the metallic luster is reflected through

the transparent colors, giving them an appearance resembling enameled pictures. 35 These colors can then be glazed, increasing the transparency and brilliancy, giving them a precision and depth of luster which is highly ornamental. The application, for instance, of a clear yellow transparent color over the polished or burnished metallic face produces a lustrous gold color, and other transparent colors similarly applied produce lustrous effects, and of course by the proper mixture of colors or application of them the figures or designs of the picture may be produced and the brilliancy of the luster of each color may be regulated and determined to meet the requirements of any particular case. 40 45

What is claimed is—

50 The method, substantially as hereinbefore described, of producing pictures having a metallic lustrous effect, which consists in coating the material with metal, polishing or burnishing the metal and then applying to said polished metal surface transparent materials, corresponding to the designs to which the lustrous metallic effect is to be given. 55

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses. 60

GEORG THURINGER.

Witnesses:

ANDREAS STICH,  
OSCAR BOCK.