

UNITED STATES PATENT OFFICE.

CHARLES ELVEENA, OF SAN FRANCISCO, CALIFORNIA.

MODE OF TINTING PHOTOGRAPHS, &c.

Specification forming part of Letters Patent No. 56,914, dated August 7, 1866.

To all whom it may concern:

Be it known that I, CHARLES ELVEENA, of San Francisco, and State of California, have invented a new and Improved Mode of Tinting Photographs and Surfaces for Use in the Arts; and I do hereby declare that the following is a full and exact description of the same.

The nature of my invention consists in giving the background a beautiful tint without touching any part of the figure except what portion is necessary to tint, the tint giving the picture a most beautiful tone, and adds fifty per cent. to the beauty of the picture.

To enable others skilled in the art to make and use my invention, I will proceed to describe its operation.

The picture is placed on a flat surface, and that part of the picture that is not to be touched with the tint is neatly covered with tracing-paper, and then a box without a cover is inverted on the picture. A small hole is made in the side of the box to admit the stem of a pipe. A pipe is filled with tobacco and lighted. Then the end of the stem is put into the hole in the box and the smoke of the tobacco is blown down through the bowl of the pipe into the box. When filled with smoke the pipe is removed and the hole stopped. The longer the box is left on the picture the darker the shade.

When the box and tracing-paper are removed you discover a beautiful tint, perfectly even, and surpassing anything that could be put on by the hand of man. To use it more extensively a larger box is used, and the pipe filled with tobacco and blown with a bellows. A hundred pictures in this way can be tinted in the same time that one could be tinted.

This improvement may be applied to the tinting of muslin, paper, and other materials for the manufacture of window shades or curtains, or other things in the arts, or for producing designs thereupon by the movable shapes or covers of tracing-paper or other material; and I do not limit myself in the use of tobacco for producing smoke, as any other character of smoke or fumes may be passed into the closed chamber for tinting the surfaces of whatever color the smoke or fumes are adapted to produce.

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

The mode herein specified of tinting surfaces for use in the arts by the action of smoke or fumes within a closed chamber, as specified.

CHARLES ELVEENA.

Witnesses:

J. E. KNOWLES,
W. P. KIRKLAND.