

UNITED STATES PATENT OFFICE.

ALBERT G. COLLINS, OF WASHINGTON, DISTRICT OF COLUMBIA.

IMPROVEMENT IN PAINTERS' PANELS.

Specification forming part of Letters Patent No. **39,632**, dated August 25, 1863.

To all whom it may concern:

Be it known that I, ALBERT G. COLLINS, of Washington city, District of Columbia, have invented a new and Improved Panel for Painters; and I do hereby declare that the following is a full and exact description thereof.

My invention consists in enveloping a pasteboard body saturated with white lead and linseed or other drying oils in canvas in such a manner as completely to prevent its warping, cracking, or wrinkling—that is to say, I take a heavy pasteboard—such as are used in the manufacture of trunks are the best—saturate it with linseed or other drying vegetable oil, with a brush or otherwise. I then paint the board with white lead or Spanish whiting as thick as ordinary paste. I then cover the board with canvas—cotton is preferable—while the paint is yet wet. The first side is covered with a piece of canvas exactly of the dimensions of the board or panel, and the opposite side is to be covered by a piece of canvas an inch larger than the board all round, so as to lap over upon a wet surface of white lead. Both sides of the board thus enveloped are to be painted, as before, with white lead or Spanish whiting and rubbed with pumice-stone and a spatula or trowel, in order to form an enamel. The board is then to be dried in the sun, but should

not be used for at least two weeks, and they are better after months of drying. The effect of putting the canvas on both sides is to prevent warping. If it is applied to but one side, or to neither side, the board will warp. A recent American writer on the subject states that “pasteboard, if any way stout, is sure to warp, presenting undulations on the surface that defeat the best skill of the artist. Otherwise it would have many advantages over canvas.” That I have successfully overcome these obstacles may be seen in several of my panels, which have been used for painting from three to four years. Not one of them shows the first sign of warping or wrinkling. My panels have the additional merit of securing the paintings from injury arising from the atmosphere, and in this they are singular. The finest paintings on canvas are apt to be soon blurred by exposure of the frail substance to atmospheric changes.

What I claim as my invention is—

The application of canvas to pasteboard as hereinabove described, for the purpose set forth.

ALBERT G. COLLINS.

Witnesses:

GASSAWAY KINDER,
THOS. K. GRAY.