

# UNITED STATES PATENT OFFICE.

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## METHOD OF PRODUCING OIL PAINTINGS.

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Methods are known for producing imitation oil paintings, consisting in applying the printing and impression layer for the painting to the canvas by means of brushes or rollers in a plurality of successive stages. The resulting layers have the disadvantage however that they are not sufficiently smooth and flat to permit of a satisfactory colour print being produced thereon. It was consequently necessary hitherto to subject the pictures to an expensive and lengthy retouching process, because when treated with a brush, the layer became streaky and when treated with rollers the grain became such that depressions formed in the layer, which naturally did not receive the impression of the picture to be imprinted thereon.

The invention relates to a method which obviates these drawbacks and consists essentially in the following:—

Use is made as base of a disc having a smooth surface (for instance a sheet of plate glass, polished sheet of zinc, slab of stone or the like). A rim of slight depth is placed around this disc. The surface enclosed by the rim is then smeared with ox gall or any other grease to facilitate the subsequent taking off of the picture.

The mass which is to be used as printing and impression layer is then applied. This mass consists of barite, whiting, potato flour, glycerine and castor oil in the form of an emulsion. The mass is then allowed to begin to dry and while still moist the rough canvas is applied to the mass under pressure. When the layer has become quite dry, the canvas and the layer adhere together sufficiently to enable the canvas to be re-

moved from the plate together with the layer adhering thereto. Owing to the use of the base, the layer has a perfectly flat and smooth surface. The drying can be accelerated by heating the base plate.

The painting is printed onto the layer upon the canvas by any desired printing process and requires no subsequent retouching.

Finally the picture is also embossed in a known manner, but as a result of the new process the advantage is obtained that the prints no longer need to be moistened, because the canvas is sufficiently pliable owing to the oil emulsion. Before delivering the picture finished in this manner, it may also be gelatinized and lacquered.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

A method of producing imitation oil paintings consisting in pouring a mass composed of barite, whiting, potato flour, glycerine and an emulsion of castor oil and constituting the printing and impression layer upon a smooth polished surface, pressing a canvas onto the layer, drying the same, detaching the said layer with canvas from the base surface, printing the said layer and embossing the same, without it being necessary to moisten the print again, as the canvas is pliable owing to the oil emulsion.

In testimony whereof I have signed my name to this specification.

HUBERT BOGAERTS.