(No Model.)

J. H. CAMPBELL

METHOD OF COATING WALLS WITH FLOCK.

No. 262,276. Patented Aug. 8, 1882.

Fig. 1

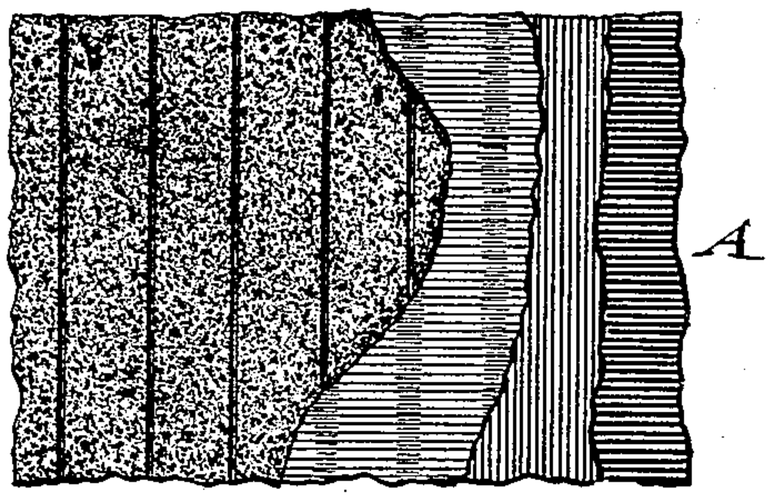


Fig. 2.

Fig. 3.

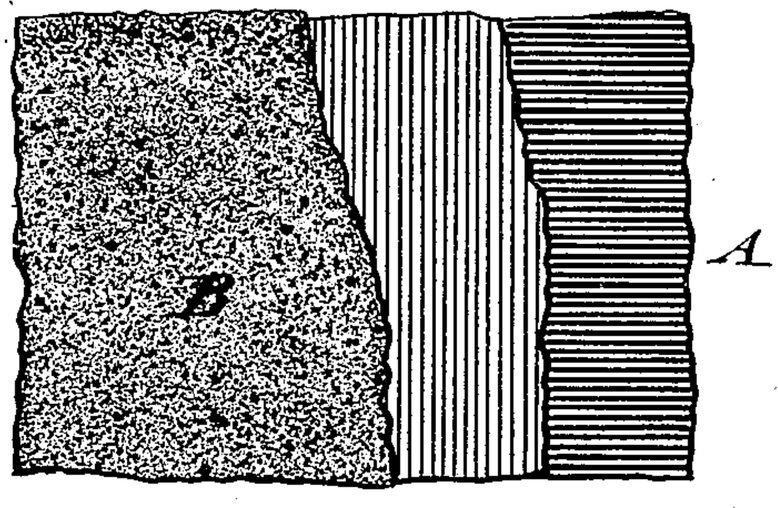
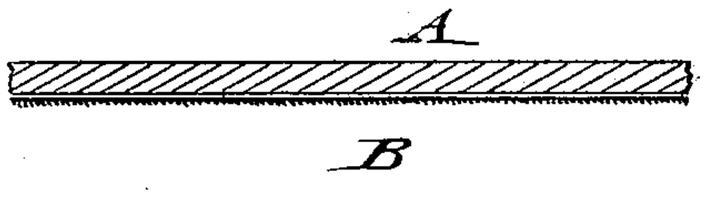


Fig. 4.



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METHOD OF COATING WALLS WITH FLOCK.

SPECIFICATION forming part of Letters Patent No. 262,276, dated August 8, 1882.

Application filed July 1, 1882. (No model.)

To all whom it may concern:

Be it known that I, JOHN H. CAMPBELL, of the city, county, and State of New York, have invented certain new and useful Improvements in Methods of Coating Walls with Flock, of which the following is a specification.

In the covering of walls with flock-paper considerable difficulties are met with, which arise mainly from the peculiar nature of the flock-paper, as the same cannot be joined at the edges without rendering the joints visible, even if the work is ever so carefully done. In hanging flock-paper a great number of manipulations have to be gone through, in the following order: The surface of the wall has to be first sandpapered and sized, after which it has to be covered with common paper or so-called "lining." On this lining the different lines, where the different pieces of flock-paper are about to meet, have to be marked off and laid off by stripes of the same shade of color as that of the flock-paper, which stripes form a ground of the same color, in case the flock-paper should shrink. The flock-paper, preparatory to being hung, is coated at the back with paste, and then trimmed so as to present smooth edges, which edges are also covered with the same color as that used for the stripes. Then the paper is hung to the wall and applied by a felt-covered roller, the paper requiring throughout careful handling, so that no paste-spots or marks of the hands, &c., show on the surface of the flock.

The object of this invention is to furnish an improved method by which the use of flock-paper for hanging walls may be entirely dispensed with, and by which the walls can be covered directly with flock in less time and at less expense and in a cheaper, more uniform, and perfect manner than with flock-paper; and the invention consists of an improved method of coating the walls with flock, first, by sizing the wall, then varnishing the same, and, finally, applying the flock to the varnished surface by means of a strong current of air obtained from a suitable air-forcing apparatus.

In the accompanying drawings, Figures 1 and 2 represent an elevation and a horizontal section of a wall covered with flock-paper, and Figs. 3 and 4 are an elevation and a horizontal section of a wall covered with flock according to my improved method.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A represents the plastered surface of a wall that is to be covered with flock, and B the layer of flock that is applied thereto by my improved method. This layer is deposited on the surface of the wall, after the same has been coated, first, with a glue-size, and, secondly, after the same has dried, with a suitable varnish. The flock is uniformly distributed over the varnished surface by a strong air-current obtained from a blower, fan, bellows, or any other suitable air-forcing apparatus.

In carrying out my improved process the entire surface of one of the walls of a room is done at a time—that is to say, the flock-coating is applied directly after the varnish has been laid on from one corner of a room to another corner, so that the flock is deposited uniformly over the entire surface without showing any marks or joints. Should there be any defective parts in the wall, the defective parts are first covered by a lining of paper and then sized, varnished, and coated with flock, though for a wall in good condition no lining is required. The lining placed over the defective parts of the wall does not show at all through the covering layer of flock when the proper thickness of flock is thrown on.

The advantages of my invention are, first, that a room of a certain size can be flocked in the most perfect manner at about one-fourth of the price which it costs to hang the same room with flock-paper; second, that a perfect job is produced without any joints and with a degree of uniformity that cannot be reached at all by the present methods; and, third, that rooms having recesses, niches, or projecting portions can be covered with flock, when at present they cannot be hung at all with flock-paper, which feature is of special advantage for picture-galleries, libraries, and similar applications.

Having thus described my invention, I claim

as new and desire to secure by Letters Patent—

The method herein described of covering walls with flock, which consists, first, in sizing the wall, then varnishing the same after the size is dry, and, finally, applying a layer of flock by means of a strong air-current, substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

JOHN H. CAMPBELL.

Witnesses:

PAUL GOEPEL,

SIDNEY MANN.