

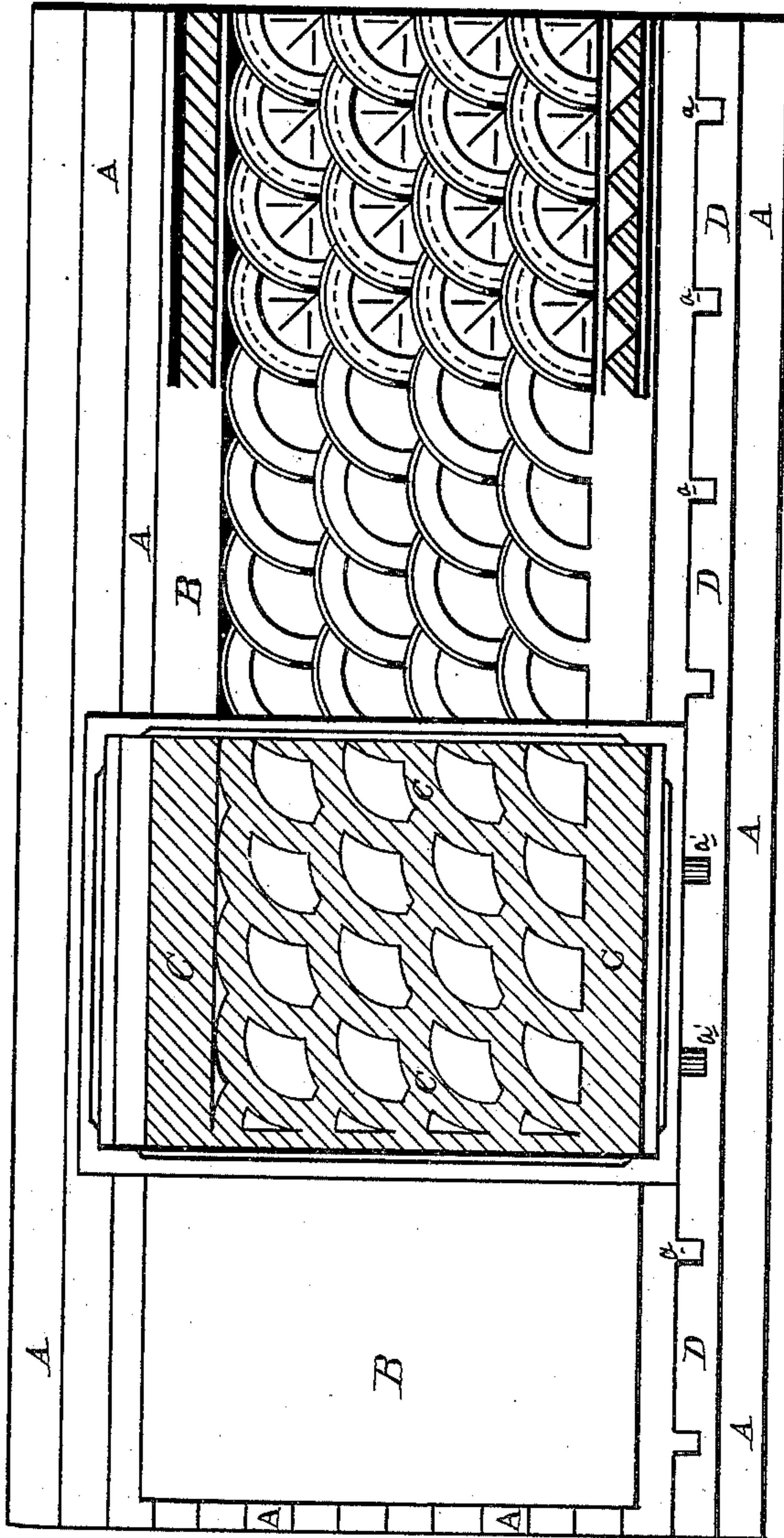
(Model.)

C. J. SHIPLEY.

APPARATUS FOR PAINTING WIRE SCREENS.

No. 309,363.

Patented Dec. 16, 1884.



Attest:
W. Sprague
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Inventor:
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By his Att'y.
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UNITED STATES PATENT OFFICE.

CHARLES J. SHIPLEY, OF DETROIT, MICHIGAN, ASSIGNOR TO OSBORNE & CO., OF SAME PLACE.

APPARATUS FOR PAINTING WIRE SCREENS.

SPECIFICATION forming part of Letters Patent No. 309,363, dated December 16, 1884.

Application filed November 28, 1883. (Model.)

To all whom it may concern:

Be it known that I, CHARLES J. SHIPLEY, of Detroit, in the county of Wayne and State of Michigan, have invented new and useful
5 Improvements in Ornamental Wire Screens; and I hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, which forms a part of this specification.

10 This invention relates to the manufacture of ornamented wire screens, such as are so largely employed in windows to prevent outsiders from looking through the windows, while they present very little obstruction to
15 those inside in looking outward. It has been the practice heretofore to ornament such screens upon the face to be presented outwardly by painting scenes upon the same by hand, usually employing different shades of
20 the same color. The scenes thus made are expensive, and the object of this invention is to manufacture such screens whereon are represented as many different designs and colors as may be required by the trade, which will
25 bring them within the reach of nearly all intending purchasers, presenting a much more ornate appearance, and equally obstructing the view through them from one side and equally unobstructing the view through them
30 from the opposite side.

In the accompanying drawing, which forms a part of this specification, A represents a flat and smooth surface, preferably supported in a vertical position against a wall at a sufficient
35 height to allow the operator easy access to all parts of the screen when standing.

B represents a section of wire-cloth of the usual character employed for such screens, as above described, and this is secured at its
40 edges smoothly upon the flat surface A.

C represents a stencil-plate, there being for each completed design as many of these plates as there are colors to be represented in the design, and these stencil-plates are
45 cut with such designs in sections, as is well

known to artists, especially those who are employed in frescoing walls and ceilings. At the bottom or one edge of the flat surface, which is preferably made of well-seasoned boards thoroughly put together, there is a
50 ledge, D, which should be suitably spaced off and provided with any suitable stops, *a*, and corresponding stops *a'* should be provided upon the frames of the stencils, so as to insure the correct position of the same and
55 bring the colors and figures represented by each into its proper position on the screen. The process of putting on these various colors and forms is precisely the same as that employed in putting such colors and forms onto
60 ceilings in the process of frescoing. As the stencils are laid against the face of the screen the necessary oil-color is taken upon the end of the brush, care being taken not to have too
65 much color on the brush, and the end of the brush is presented to the figures cut in the stencils and a rotary vibrating motion given to the brush by the operator, which not only leaves the color upon the front of the screen,
70 but also upon the sides of the wires of which the mesh is formed, the flat surface against which the screen rests preventing any of this color, when properly put on, from affecting the back side of the screen. It will readily
75 be seen that by this process designs in all varieties of color may be given to the face side of the screen very cheaply, and a new article of commerce brought into the market, which will be of great benefit.

What I claim as my invention is—

80 The combination, in a screen-painting apparatus, of the surface A, provided with a ledge, D, having suitable stops, *a*, and the stencil-plate C, also provided with stops registering therewith, substantially as and for the
85 purpose specified.

CHARLES J. SHIPLEY.

Witnesses:

H. S. SPRAGUE,
E. SCULLY.