

No. 665,336.

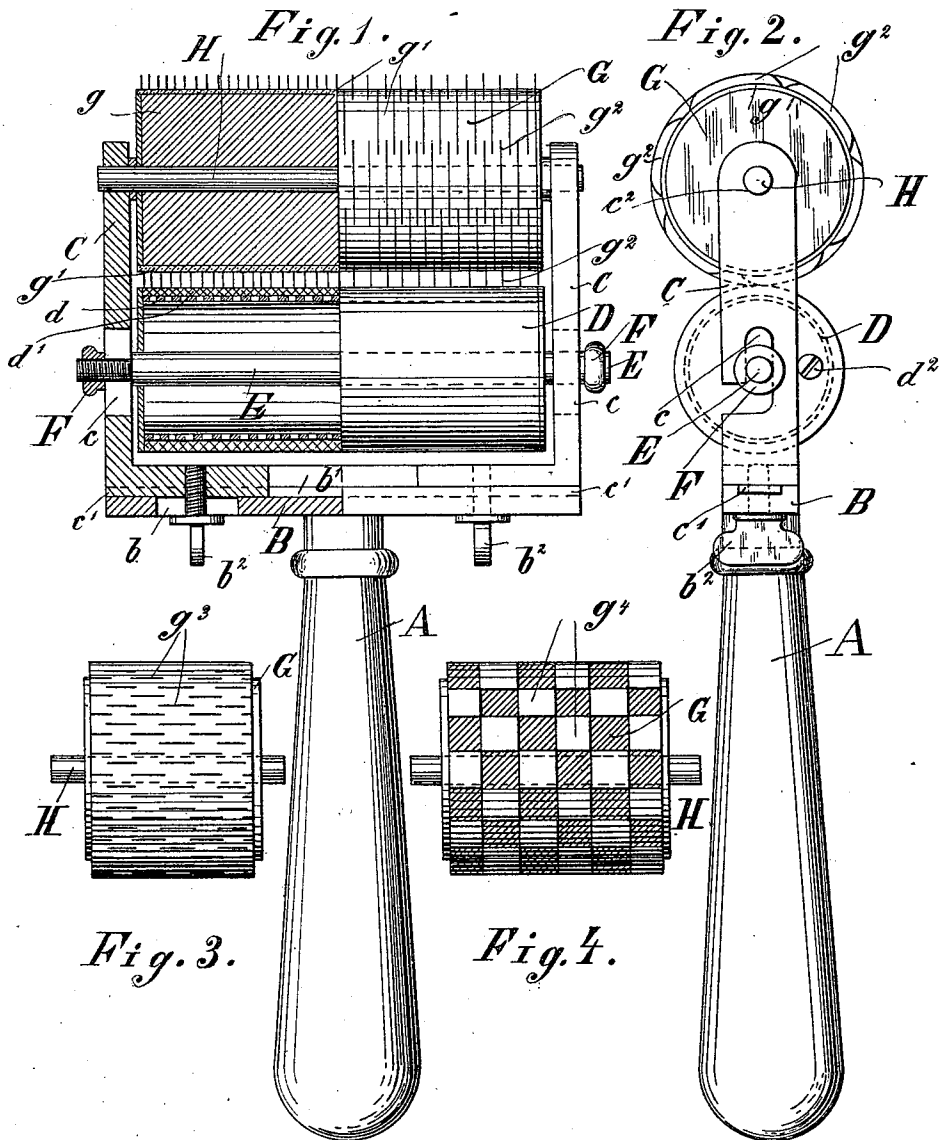
Patented Jan. 1, 1901.

H. MEIER & F. OBACHT.

PRINTING CONTINUOUS ORNAMENTS ON CEILINGS, &c.

(Application filed Aug. 24, 1899.)

(No Model.)



Witnesses.
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UNITED STATES PATENT OFFICE.

HEINRICH MEIER AND FLORIAN OBACHT, OF FRANKFORT-ON-THE-MAIN,
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PRINTING CONTINUOUS ORNAMENTS ON CEILINGS, &c.

SPECIFICATION forming part of Letters Patent No. 665,336, dated January 1, 1901.

Application filed August 24, 1899. Serial No. 728,367. (No model.)

To all whom it may concern:

Be it known that we, HEINRICH MEIER and FLORIAN OBACHT, residing in the city of Frankfort, in the German Empire, (and whose
5 post-office addresses are respectively No. 36 Sternstrasse and No. 7 Mittelweg, Frankfort-on-the-Main, Germany,) have invented certain new and useful Improvements in Apparatus for the Ornamentation of Ceilings and
10 other Surfaces, of which the following is a specification.

In the drawings accompanying this application, Figure 1 is an elevation, partly in section, Fig. 2 is a side elevation, and Figs. 3 and
15 4 are detail views, showing our invention.

The reference-letter A indicates a handle having a cross-head B, which carries two parallel side pieces C, both of which are L-shaped and secured to the cross-head B in a slot b'
20 by means of set-screws b^2 , which pass through slots b , thus making the side pieces adjustable toward and from each other. In openings c^2 in the side pieces are placed the journals of a central shaft H, carrying a cylinder G, consisting of a solid body g , covered with a sleeve of rubber g' or other suitable material and having an ornamental pattern formed by points or lines g^2 in relief. The side pieces C are also provided with openings c , so formed that the ends of a shaft E
30 may be adjusted therein toward and from the cylinder G. Said shaft E carries a hollow cylinder D, which is provided with numerous perforations d' and inclosed by a cover d , of felt or other porous material, through which coloring material can pass. An opening d^2 is provided through which the cylinder D can be filled with any desired coloring-matter. The cylinder is then adjusted
35 toward the cylinder G until the porous covering d is pressed against the reliefs of cylinder G with sufficient force to cause the two to revolve in unison. The cylinder G is then rolled over the surface to be ornamented with
40 a suitable pressure, and the color, which is supplied to its ornamental design in relief, is transferred to the surface over which the cylinder rolls.

By adjusting the L-shaped side pieces C in the slot b' of the cross-head B cylinders of
50 different lengths can be used and of varied ornamentation, two of such cylinders being shown in Figs. 3 and 4.

In Fig. 3 the ornamentation points or lines g^2 are similar to those lettered g^2 , shown in
55 Fig. 1 of the drawings, but placed lengthwise of the cylinder G, and in Fig. 4 the points g^4 are arranged to form a different pattern, as shown.

Having thus described our invention, what
60 we claim, and desire to secure by Letters Patent of the United States, is—

1. An apparatus for the continuous ornamentation of ceilings and other surfaces consisting of a handle having a cross-head provided with a longitudinal slot, L-shaped side
65 pieces adjustable in said slot, a cylinder journaled in said side pieces and having a yielding cover with an ornamental pattern in relief, and a hollow cylinder having numerous
70 openings in its wall and covered with a porous material, said cylinder being adjustable toward and from the other, substantially as described.

2. The combination with a handle having
75 a cross-head, of L-shaped side pieces adjustable in a slot in said cross-head, set-screws passing through slots in the cross-head to lock the side pieces, a cylinder having a yielding cover provided with an ornamental
80 sign in relief, a hollow color-cylinder having numerous openings covered by a porous material, said cylinder having the ends of its shaft movable in slots in the side pieces toward and from the other cylinder, and means
85 for locking the color-cylinder at point of adjustment, substantially as described.

In testimony whereof we have hereunto set our hands in the presence of two witnesses.

HEINRICH MEIER.
FLORIAN OBACHT.

Witnesses:

F. HOFFHAUER,
SIMON W. HANAUER.