

(No Model.)

G. B. DEXTER.

IMITATION OF METAL CASTINGS OR CARVINGS.

No. 270,580.

Patented Jan. 16, 1883.

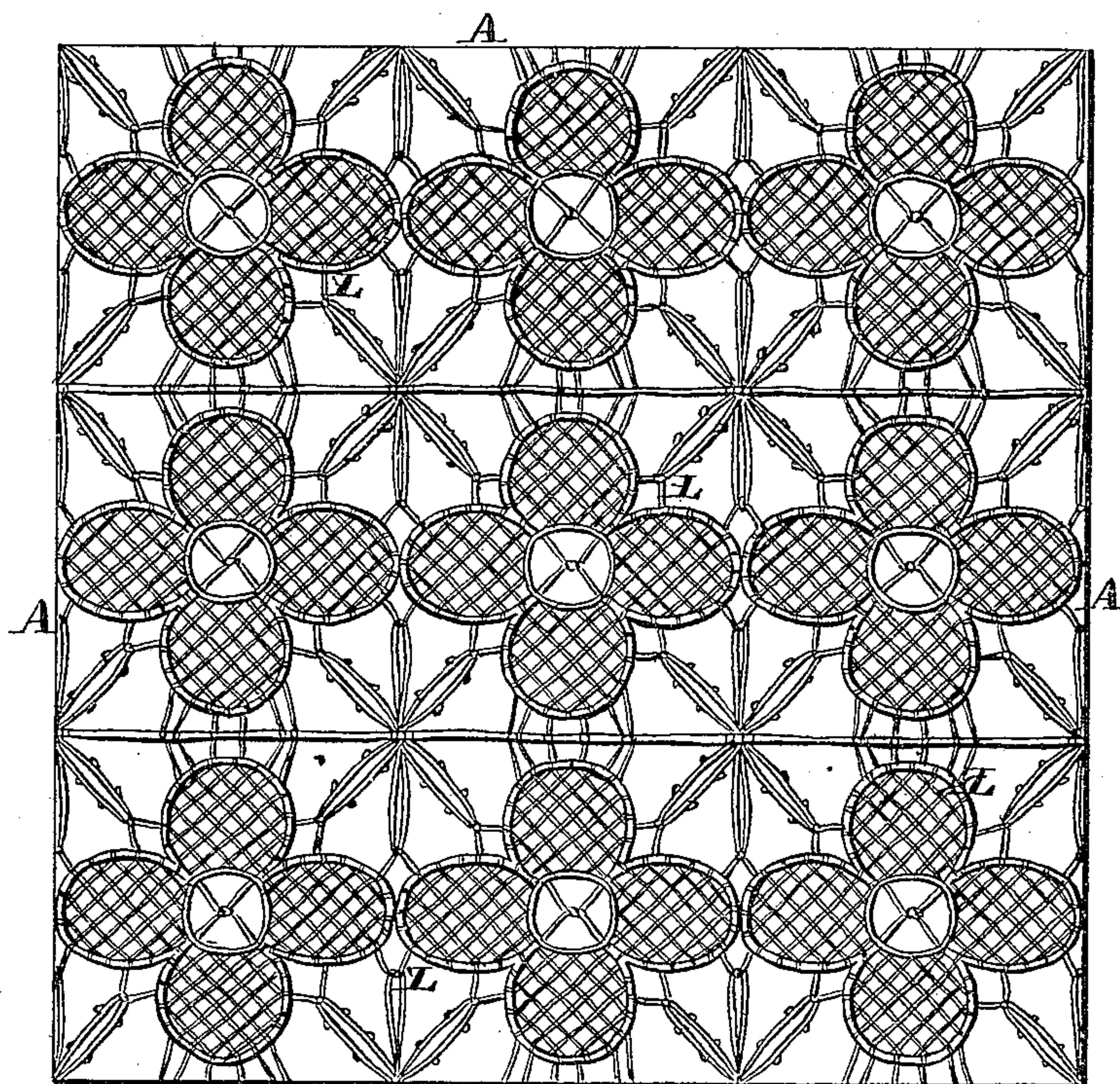


Fig. 1.

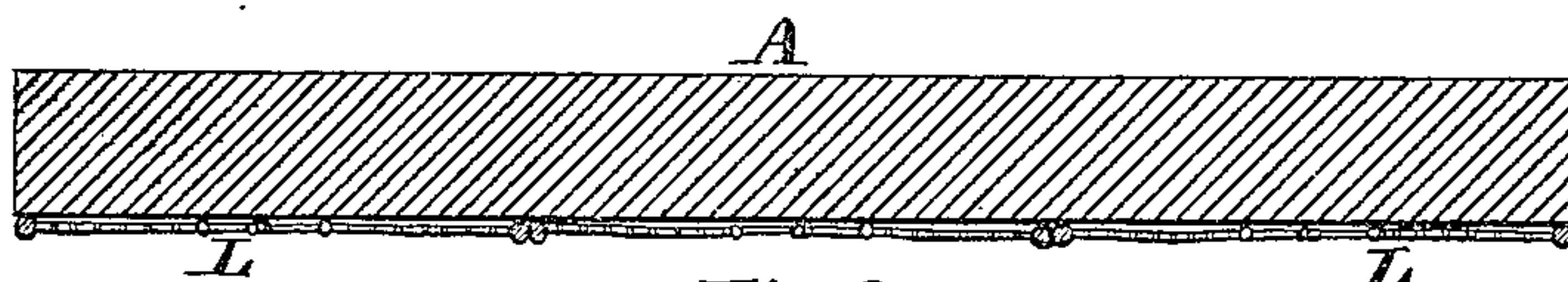


Fig. 2.

Witnesses:

W. W. Swan
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Inventor:

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UNITED STATES PATENT OFFICE.

GEORGE B. DEXTER, OF BOSTON, MASSACHUSETTS.

IMITATION OF METAL CASTINGS OR CARVINGS.

SPECIFICATION forming part of Letters Patent No. 270,580, dated January 16, 1883.

Application filed August 14, 1882. (No model.)

To all whom it may concern:

Be it known that I, GEORGE B. DEXTER, of Boston, in the State of Massachusetts, have invented a new and useful Imitation of Metal Castings or Carvings, of which the following is a specification.

The invention is particularly applicable to the construction and ornamentation of interior walls and ceilings, picture-frames, and furniture. As is well known, these articles and others of like nature, or parts of them, are frequently made of bronze or similar metal cast or cut to represent lace; but they are so made only at great cost, since, as is also well known, the imitation of lace in metal requires great skill in workmanship. By my invention I produce at a trifling cost the same effect that is produced in this expensive manner. Instead of imitating the lace in real metal, I apply to a real lace an imitation of the metal. Lace is stretched upon and secured to a wall, ceiling, or other surface to which the effect of metal carving or casting is to be given, and bronze, gilt, or other suitable metal powder applied to the whole through the medium of a varnish. The effect is that of a metal casting or carving of delicate and rare workmanship.

In the drawings I show a panel constructed and ornamented in accordance with my invention, and suitable for use in the wall or ceiling of a room, in a door, in a piece of furniture, &c., Figure 1 being a plan view, and Fig. 2 a cross-section, thereof.

A is the panel proper, in this instance of wood, and having a flat surface. L is the lace, stretched upon said flat surface, and secured thereto by nails or glue, or in any suitable manner. The metallic powder cannot be shown in the drawings, nor can the metallic effect; but it is sufficient to say that in practice a coat of varnish is applied to the panel and lace thus conjoined, and then, before the varnish is dry, bronze or other metal powder scattered freely over the whole. When dry both the surface of the panel seen through the interstices or meshes of the lace and the lace itself appear to be of metal.

Any suitable material will answer for a surface to be covered with the lace. For instance, ordinary plastering may be used when the invention is to be applied to the ceiling of a room. So, too, without departing from my invention, the metal powder may be applied in and with the varnish, instead of separately, as above directed.

I claim—

A panel or other suitable surface, of wood or similar material, covered with lace, and the whole coated with a metallic powder, substantially as and for the purpose described.

GEO. B. DEXTER.

Witnesses:

W. W. SWAN,
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