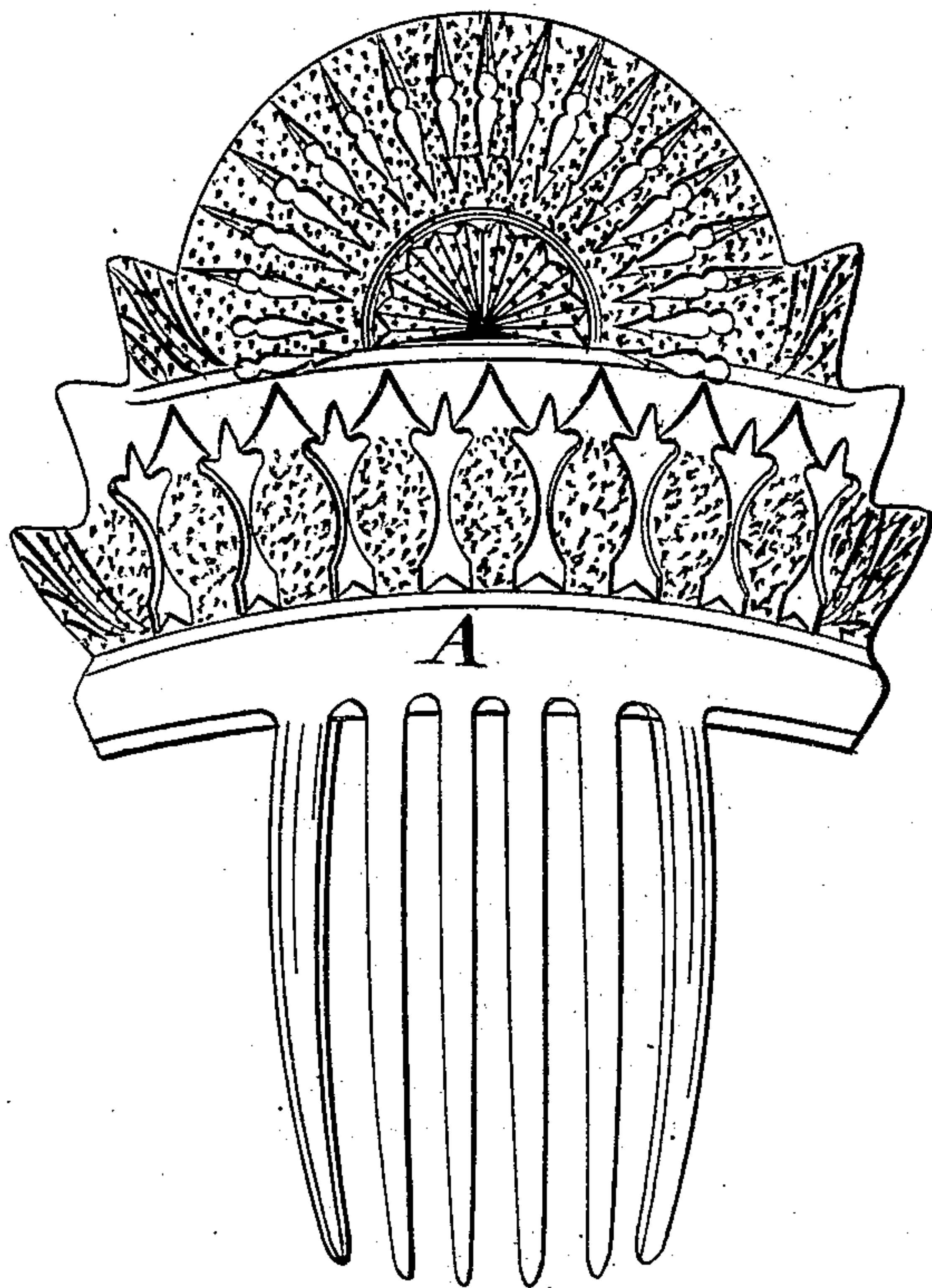


R. CUNNINGHAM.
Process of Manufacturing Articles in Imitation of
Papier-Maché.

No. 226,497.

Patented April 13, 1880.



WITNESSES:

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ROBERT CUNNINGHAM, OF NEW YORK, N. Y.

PROCESS OF MANUFACTURING ARTICLES IN IMITATION OF PAPIER-MACHE.

SPECIFICATION forming part of Letters Patent No. 226,497, dated April 13, 1880.

Application filed February 19, 1880.

To all whom it may concern:

Be it known that I, ROBERT CUNNINGHAM, of the city, county, and State of New York, have invented a new and Improved Process for Manufacturing Articles in Imitation of Papier-Maché, of which the following is a specification.

The drawing represents an elevation of a comb made to imitate a papier-maché comb.

A represents a comb and the ornaments fixed thereon.

The article or material to be ornamented or decorated in imitation of papier-maché should have a clean, dry, and polished surface, similar to that of hard rubber, celluloid, horn, ivory, glass, polished metal, wood, porcelain, all of which materials are made use of by me in the process.

The process consists in first applying a coating of transparent varnish to the article to be decorated or ornamented. Then upon this coating of varnish are applied particles of so-called "brocade"—metallic foils of various colors, as shown—or pieces of shell, mica, metallic grains or powder, or any other suitable ornamental substances in grains or powder; also, glass or ornamental figures of any desirable material. After such brocade, grains, powder, pearl, or ornamental figures have become fixed upon the article to be ornamented, I cover the surface of the ornamented article and the applied ornament or ornaments with a coat of transparent varnish, and then permit the said coat or covering to become hard and dry. If for any purpose a still harder surface is desired, I then apply over the varnish coating a coating of collodion.

By this process beautiful and durable ornamented articles are produced in excellent imitation of papier-maché, and at comparatively small cost.

I hereby disclaim the process of pouring alcohol copal varnish over the surface of the ornament and its support, as I find that other transparent varnishes will effect the purpose equally as well, and that a thinner, more even, and more quickly drying surface can be produced by applying the varnish with a brush

than can be done by pouring it over the ornament and its support and permitting the surplus to run off.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The process, as herein described, of manufacturing articles in imitation of papier-maché, which process consists in coating the surface of the article with transparent varnish, in then depositing thereon the ornament and allowing it to become fixed, and in then applying over the ornament and its support a covering of transparent varnish and allowing it to become dry, as set forth.

2. The process, as herein described, of manufacturing articles in imitation of papier-maché, which process consists in coating the surface of the article with transparent varnish, in then depositing thereon the ornament and allowing it to become fixed, in then applying over the ornament and its support a covering of transparent varnish and allowing it to become dry, and in then applying over the varnish-covering a coating of collodion, as set forth.

3. The combination, with an article of hard rubber, celluloid, horn, ivory, glass, polished metal, wood, porcelain, and the like, of a covering consisting of particles of metallic foil, pearl, glass, granular and powdered substances, or other ornamental materials fixed between coats or layers of transparent varnish, as set forth.

4. The combination, with an article of hard rubber, ivory, celluloid, glass, polished metal, wood, porcelain, and the like, of a covering consisting of particles of metallic foil, pearl, glass, granular and powdered substances, or other ornamental materials fixed between coats or layers of transparent varnish, over the outer of which coats or layers is a covering of collodion, as set forth.

ROBERT CUNNINGHAM.

Witnesses:

C. SEDGWICK,
I. I. STORER.