

United States Patent Office.

ROBERT J. ROBERTS, OF NEW YORK, N. Y.

Letters Patent No. 99,952, dated February 15, 1870.

IMPROVEMENT IN PLATED NEEDLES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, ROBERT J. ROBERTS, of the city, county, and State of New York, have invented a new and useful Improvement in Needles; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same.

This invention relates to improvements in sewing-needles, and consists in providing the said needles, which are commonly made of steel, which is very liable to damage by corrosion, with coatings of non-corrosive metal, such as gold, silver, copper, or tin, the said metals being applied to the needles after they have been finished by the common and well-known methods of gilding, plating, or tinning.

I prefer to coat them with gold, and propose to use this substance mainly, preferably first plating them

with silver or copper, as is usual in gilding articles of steel to facilitate the process of gilding, but the same may be accomplished without the application of silver or copper.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

As a new article of manufacture, needles provided with non-corrosive coatings of gold, silver, copper, or other like metals, applied by gilding, plating, or tinning, substantially as specified.

The above specification of my invention signed by me this 26th day of November, 1869.

ROBERT J. ROBERTS.

Witnesses:

GEO. W. MABEE,

ALEX. F. ROBERTS.