

UNITED STATES PATENT OFFICE.

CHARLES E. BLAKE, OF SAN FRANCISCO, CALIFORNIA.

IMPROVEMENT IN METALLIC FOILS FOR DENTAL PURPOSES.

Specification forming part of Letters Patent No. **145,274**, dated December 9, 1873; application filed November 10, 1873.

To all whom it may concern:

Be it known that I, CHARLES E. BLAKE, of San Francisco city and county, State of California, have invented an Improved Metallic Foil for Dental Purposes; and I do hereby declare the following description and accompanying drawings are sufficient to enable any person skilled in the art or science to which it most nearly appertains to make and use my said invention or improvement without further invention or experiment.

My invention relates to a substitute for gold-foil, to be used for dental and other purposes where it may be desired to unite the sheets or leaves of foil, or pieces of them, one to another, by percussion or otherwise.

My invention consists in preparing platinum foil or leaf so that it may be used for dental purposes in the same manner that gold-foil has heretofore been used.

Platinum-foil possesses all of the qualities which render it valuable as a filling for decayed teeth, except the quality of adhesion by percussion or pressure. To give it this quality I cover the platinum foil, upon either one or both sides,

as desired, with a coating of pure gold. This can be done by the electroplating process, or in any other convenient and suitable manner.

When thus prepared, platinum-foil can be used for filling and restoring decayed teeth in the same manner that gold leaf or foil is now used, and at the same time it will provide a more durable filling than gold. It also enables me to disguise the bright color of the gold, as recited in the Letters Patent which have been granted to me for disguising gold.

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

As a new article of manufacture, platinum foil or leaf coated with gold, either upon one or both sides, substantially as and for the purpose above described.

In witness whereof I hereunto set my hand and seal.

CHAS. E. BLAKE. [L. S.]

Witnesses:

JOHN L. BOONE,
C. M. RICHARDSON.