

UNITED STATES PATENT OFFICE.

HENRY LOEWENBERG, OF NEW YORK, N. Y.

IMPROVEMENT IN ADHESIVE POSTAGE AND REVENUE STAMPS.

Specification forming part of Letters Patent No. **45,057**, dated November 15, 1864.

To all whom it may concern:

Be it known that I, HENRY LOEWENBERG, of No. 400 Fourth street, in the city, county, and State of New York, have invented a new and useful Process for the Manufacture of Self-Canceling Postage and Revenue Stamps and Analogous Articles; and I do hereby declare the following to be a full and exact description of the same.

The nature of my said invention consists in applying an adhesive substance to transparent paper or other material, and afterward producing any desired picture, characters, or design upon the surface of the said adhesive substance, so that the said characters or designs will be distinctly visible through the paper or other material without coming in contact therewith, and so that the stamp or other article thus produced, when it has been once applied to any surface, cannot be removed therefrom without being destroyed.

In order that others skilled in the art to which my invention appertains may be enabled to fully understand and use the same, I will proceed to describe the manner of carrying it into effect.

For the purposes of this invention any suitable transparent paper, cloth, or other material may be employed. To one surface of this paper, cloth, or other transparent material I apply a coating of dextrine, gum-arabic, or other suitable adhesive material which will adapt the article to be stuck on paper or other surface, as hereinafter explained. Upon the surface of this material I then produce the desired picture, characters, or design by printing with non-reversed types, or with engravings on metal, wood, or stone, or by the lithographic or the photographic processes, or by any other

suitable means, the picture, characters, or designs being distinctly visible through the transparent material from the other side thereof. The article thus produced may be applied to paper or any other surface by moistening and sticking in the way commonly practiced with postage or revenue stamps, and from the foregoing description it will be apparent that after having been so applied it cannot be removed without being destroyed. The print being upon the soluble adhesive material, and the ink in contact with this material only and not with the paper, the application of water to assist in removing the stamp will, in dissolving the adhesive material, unavoidably destroy the print thereon, and if it be attempted to remove the stamp without moistening the transparent paper, cloth, or other material, having not been penetrated by the adhesive solution in applying the same, will come away in a blank state, leaving the print covered with the adhesive material upon the paper or other surface to which the stamp was applied.

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

A self-canceling postage, revenue, or other stamp produced by applying to a transparent material an adhesive substance, and printing or otherwise producing the desired picture, characters, or design upon the surface of the adhesive material by which the stamp is to be stuck upon a letter, document, or other object, substantially as described.

HENRY LOEWENBERG.

Witnesses:

R. H. MAYHEW,
C. L. DU BOIS.