

(No Model.)

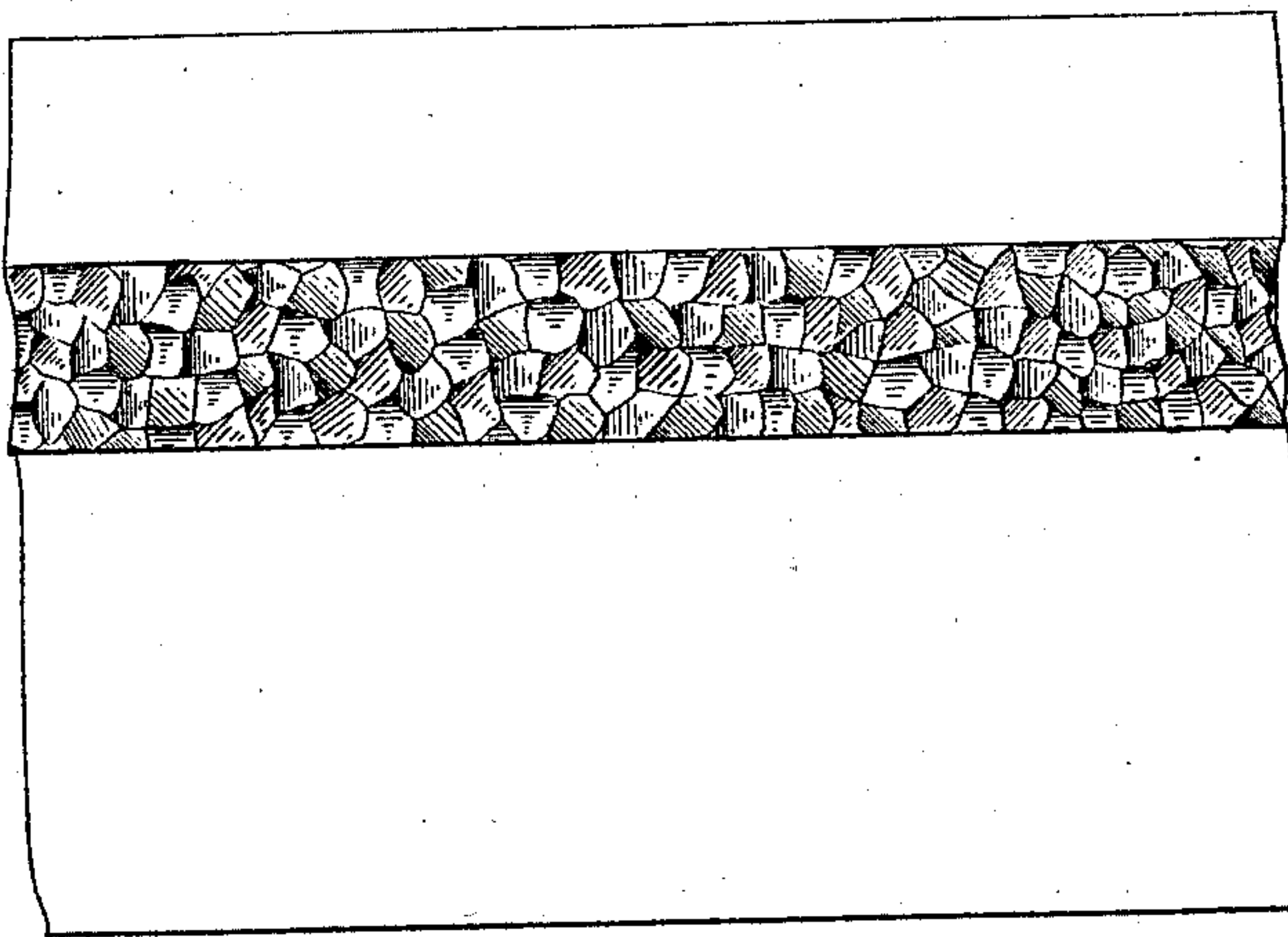
P. HAKE.

ORNAMENTING PAPER AND CARDS.

No. 285,482.

Patented Sept. 25, 1883.

*Fig. 1.*



*Fig. 2.*



Witnesses:  
*John C. Tunbridge.*  
*John M. Spur.*

Inventor  
*Philipp Hake*  
by his attorneys  
*Briesenstede.*

# UNITED STATES PATENT OFFICE.

PHILIPP HAKE, OF HOBOKEN, NEW JERSEY.

## ORNAMENTING PAPER AND CARDS.

SPECIFICATION forming part of Letters Patent No. 285,482, dated September 25, 1883.

Application filed March 3, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, PHILIPP HAKE, of Hoboken, in the county of Hudson and State of New Jersey, have invented an Improvement in Ornamenting Paper and Cards, of which

the following is a specification.  
Figure 1 represents a face view of paper ornamented according to my invention; Fig. 2, a cross-section of the same.

The object of this invention is to ornament paper with metal foil in such manner that it will have the appearance of hammered gold, silver, or other metal at the places where it is covered by such foil.

The invention consists in covering part or parts of the paper with foil, and in then hammering both the foil and the paper, indenting both, thereby producing the desired effect and intimate connection, and insuring permanency of form of the hammered foil.

In the accompanying drawings, the letter A represents a piece of a card or paper, or the like, which is ornamented by a stripe, B, of metal foil, such as gold, silver, bronze, or the like. This stripe B of foil is first placed over the paper and attached thereto by suitable gum, and then the paper, where it carries the foil, is exposed to the action of a hammering-tool and struck therewith, so as to produce series of contiguous depressions or indentations, which are imparted not only to the surface of the foil, and therefore visible to the eye, but also to the body of the paper beneath such foil, as indicated in Fig. 2, thus giving to the hammered foil an indented support, which will cause it to retain the form into which the hammering process puts it. The paper may be thus ornamented in stripes or

pieces of suitable extent; and I do not limit myself to any particular design or outline of such ornamentation.

I do not claim hammering metal or producing the effect upon the eye which results from the hammering of the metal foil on paper; but I regard it as new to first attach the foil to an elastic support—namely, to the paper—and in then hammering both foil and paper at the same time, so that the peculiar effect of the hammering imparted to the foil is also conveyed to the paper, and will therefore be maintained without change, whereas if the foil were first hammered and then attached to the paper it would lose its indented form during the process of connecting it with the paper.

Instead of using the metal in form of foil before it is applied to the paper, it may be applied to the gummed surface of the paper in form of a powder, becoming in reality foil when gummed and hammered.

I claim—

1. As a new article of manufacture, the paper A, carrying the covering B of metal foil, said paper and said foil being both indented by hammering only where the paper is so covered, substantially as herein shown and described.

2. The process herein described of ornamenting paper, which consists in covering portions thereof with metal foil, and in then hammering and indenting both the paper where covered and the foil, substantially as specified.

PHILIPP HAKE.

Witnesses:

WILLY G. E. SCHULTZ,  
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