

(No Model.)

S. HICKSON.
BOOKING GOLD LEAF.

No. 467,347.

Patented Jan. 19, 1892.

FIG. 1.

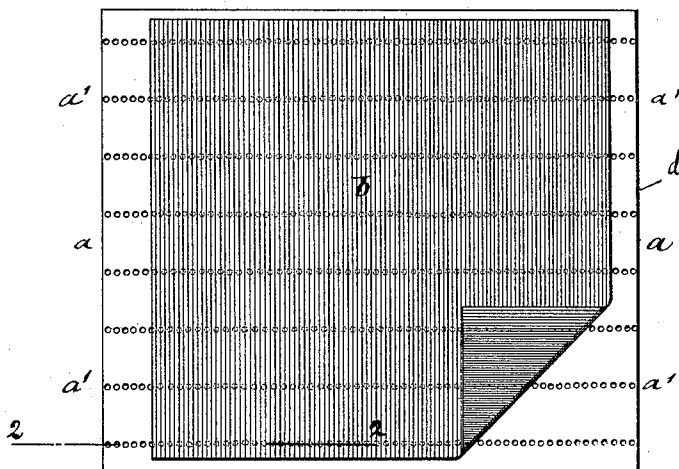
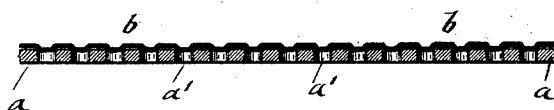


FIG. 2.



WITNESSES:

Charles Schroeder.
Charles Bliss.

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UNITED STATES PATENT OFFICE.

STEPHEN HICKSON, OF NEW YORK, N. Y.

BOOKING GOLD-LEAF.

SPECIFICATION forming part of Letters Patent No. 467,347, dated January 19, 1892.

Application filed November 10, 1891. Serial No. 411,476. (No model.)

To all whom it may concern:

Be it known that I, STEPHEN HICKSON, a citizen of the United States, and a resident of New York city, in the county and State of New York, have invented certain new and useful Improvements in Booking Gold-Leaf, of which the following is a specification.

This invention relates to an improved method of booking gold, silver, or other metal leaves, so that the same can be handled with great facility without any waste of leaf whether the parts to be covered are large or small and located in exposed or protected places.

In the method heretofore patented to John Varley for booking gold-leaf, No. 163,424, dated May 18, 1875, the gold leaves are applied to dry sheets of tissue-paper or other suitable backing, after which a number of loose sheets or sheets made up in the nature of a book are subjected to heavy pressure. For producing the proper adherence of the leaves with the sheets the latter had to be prepared by being dried before booking, which was objectionable, owing to the loss of time and extra labor required.

The object of this invention is to dispense with the preparatory drying of the paper and to provide a new method of booking gold, silver, and metal leaf by which the adherence of the leaf to the paper is produced in a reliable manner, and by which the leaf may be readily divided into smaller pieces, as required by the nature of the work, so as to be of considerable convenience to the artisan and avoid the waste of leaf incidental to the cutting up of the leaves by shears or scissors before applying the same to the parts to be covered.

My invention consists, first, of the method herein described of booking gold, silver, and metal leaf, which consists in applying each leaf to a sheet of tissue-paper or other suitable backing, which is provided with rows of perforations, and then subjecting the leaves and sheets to heavy pressure.

The invention consists, secondly, of a sheet of tissue-paper or other backing having rows

of perforations and metal leaf united therewith by pressures.

In the accompanying drawings, Figure 1 represents a top view of one sheet of tissue-paper or other suitable backing with a metal leaf mounted thereon; and Fig. 2 is a vertical transverse section on line 2 2, Fig. 1, of a portion of the same drawn on a larger scale.

Similar letters of reference indicate corresponding parts.

In carrying out my invention the sheets of tissue-paper or other suitable backing are provided, preferably, with parallel rows of perforations *a'*. Over these perforated sheets the gold, silver, or metal leaves *b* are placed, and a number of them, either in loose sheets or made up in the nature of a book, is subjected to heavy pressure, so that the adherence of the metal leaves to the perforated sheets is produced. This is caused by the slight sinking in of those parts of the leaves immediately above the perforations of the paper, whereby the close adherence of the leaf to the tissue-paper is produced. This adherence is overcome when the leaf is applied to the sizing of the object to be covered; but it is sufficient to secure the leaf to the tissue-paper while the same is used, so that the same does not fly off on being subjected to drafts of air in exposed places nor in handling the same.

Another advantage of my improved gold, silver, or metal leaf and its perforated tissue-paper backing is that a piece of any required size may be readily torn off without requiring the cutting of the same with shears or scissors, so that the artisan can cover with great facility larger or smaller parts, as required, the dividing of the sheet into smaller parts being readily made along the lines of perforations of the tissue-paper.

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

1. The method herein described of backing gold, silver, or metal leaf, which consists in applying each leaf to a sheet of tissue-paper or other suitable backing provided with rows

of perforations in the same, and then subjecting the leaves and sheets to heavy pressure, substantially as set forth.

2. As a new article of manufacture, a sheet
5 of tissue-paper or other backing having rows of perforations and united with a gold, silver, or metal leaf, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

STEPHEN HICKSON.

Witnesses:

OSCAR F. GUNZ,

CHARLES SCHROEDER.