

UNITED STATES PATENT OFFICE.

JOHN VARLEY, OF NEW YORK, N. Y., ASSIGNOR TO STEPHEN HICKSON, OF
SAME PLACE.

IMPROVEMENT IN METHODS OF BOOKING GOLD-LEAF.

Specification forming part of Letters Patent No. **163,424**, dated May 18, 1875; application filed
March 20, 1875.

To all whom it may concern:

Be it known that I, JOHN VARLEY, of the city, county, and State of New York, have invented a new and Improved Mode of Booking Gold-Leaf, of which the following is a specification:

The object of my invention is to provide a new method of booking gold-leaf, so that the same may be handled with great facility for being transferred in the open air, or in buildings, or in entrances to buildings, or in any other place exposed to a draft of air.

Hitherto the transfer of gold-leaf in exposed places has been connected with considerable difficulty and loss on account of the exceedingly delicate nature of the leaf, a great part of which was blown off in transferring. Repeated and partially-successful attempts have been made to facilitate the transferring of gold-leaf—as, for instance, by attaching the leaf with wax to a backing of tissue-paper which has worked well to a certain extent, but occasioned the loss of that part of the leaf pasted to the sheet.

The nature of my invention consists in booking the gold-leaves by applying each leaf to a sheet or backing of perfectly dry tissue-paper, and exposing the book to heavy pressure, so as to produce thereby the adhesion of the leaf and backing.

The sheet of tissue-paper or other suitable backing is laid on the leaf of gold. The sheets

may be made loose, or in the nature of a book, to suit the purchasers, and have to be prepared by being perfectly dried, so as to cause the gold-leaf to adhere thereto after having been exposed therewith to heavy pressure.

The gold-leaf adheres intimately to the backing, and may be handled without difficulty, even by unskilled hands, being applied to the parts prepared by sizing to receive it by placing the leaf with the backing thereon, when the leaf will be retained and leave the backing on account of the greater adhesiveness of the sizing.

The gold-leaf may be thus transferred at a considerable saving of time and material, as the use of the leaf in this form overcomes the difficulties hitherto experienced, and renders it thus very valuable to the branches of industry employing gold-leaf.

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

The method herein described of booking gold-leaf, consisting in applying each leaf to a perfectly-dried sheet of tissue-paper or other suitable backing, and then subjecting the same to heavy pressure, substantially in the manner shown and described.

JOHN VARLEY.

Witnesses:

PAUL GOEPEL,
STEPHEN HICKSON.