

(No Model.)

C. A. WRIGHT.

PRODUCTION OF SHEETS OF GOLD LEAF.

No. 369,762.

Patented Sept. 13, 1887.

FIG. 1

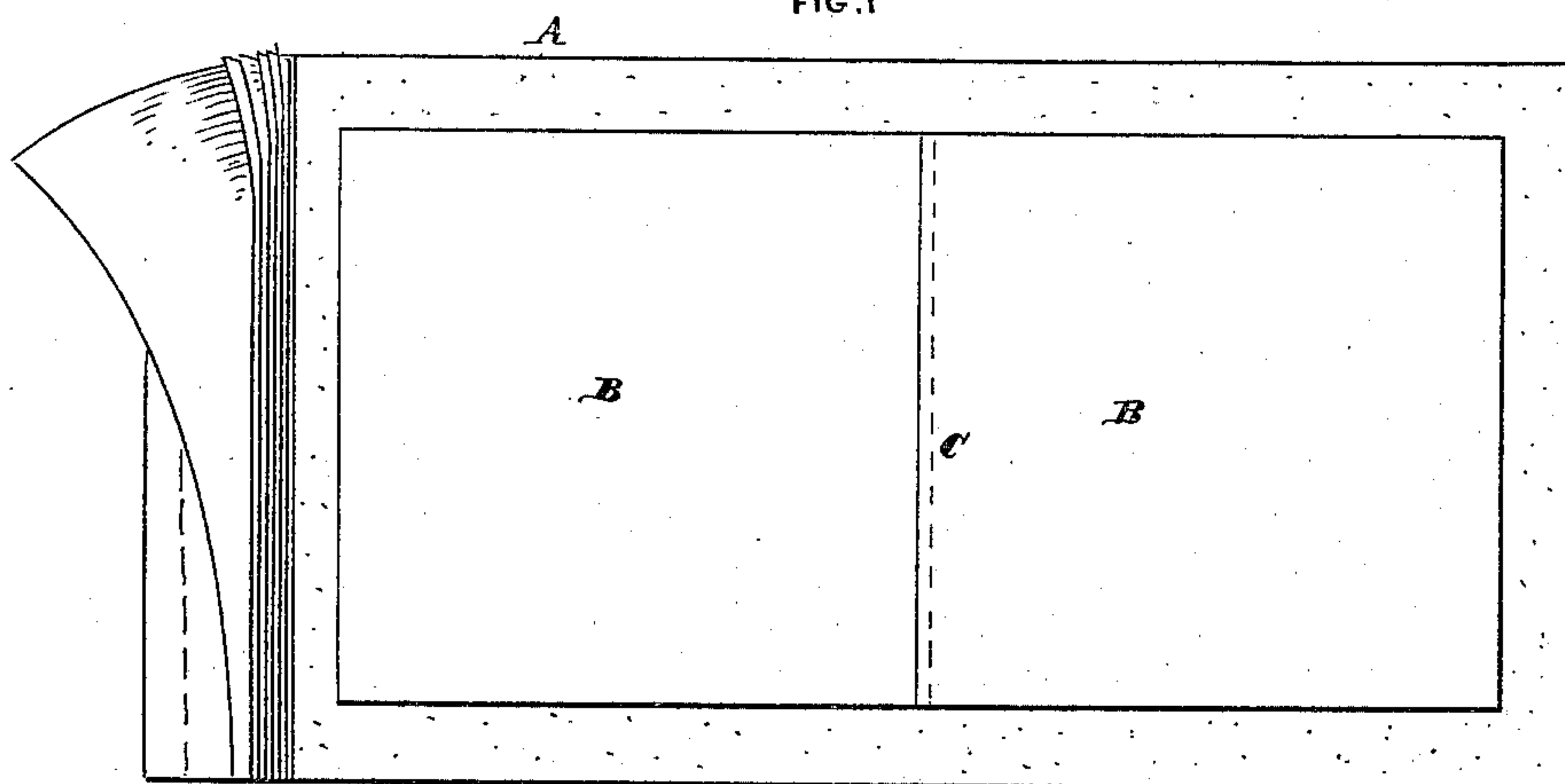


FIG. 2

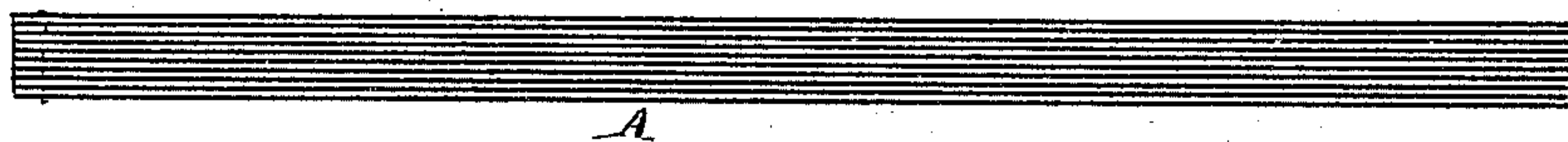


FIG. 3

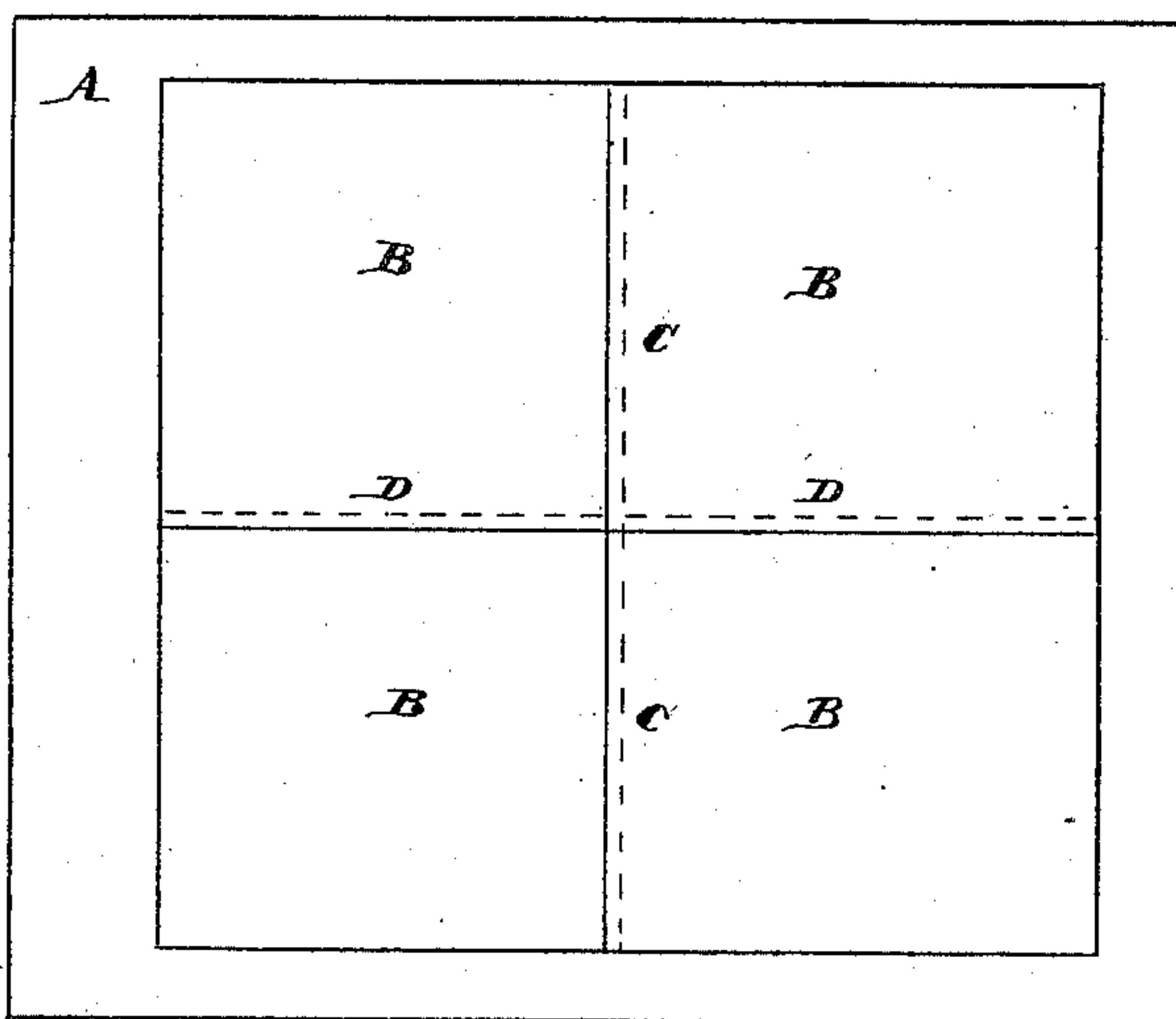
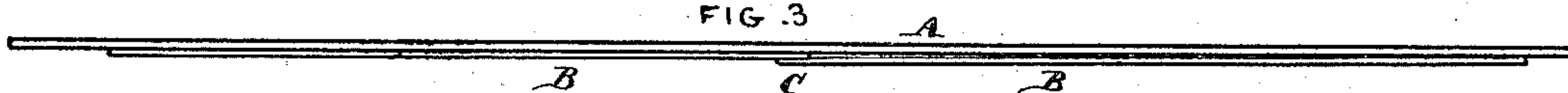


FIG. 4

Attest

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By his atty.

[Signature]

UNITED STATES PATENT OFFICE.

CHARLES A. WRIGHT, OF PHILADELPHIA, PENNSYLVANIA.

PRODUCTION OF SHEETS OF GOLD-LEAF.

SPECIFICATION forming part of Letters Patent No. 369,762, dated September 13, 1887.

Application filed May 18, 1887. Serial No. 238,593. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. WRIGHT, of the city and county of Philadelphia, and State of Pennsylvania, have invented an Improvement in Production of Sheets of Gold-Leaf, of which the following is a specification.

My invention has reference to the manufacture of gold-leaf for gilders' use; and it consists in certain improvements, all of which are fully set forth in the following specification and shown in the accompanying drawings, which form part thereof.

Heretofore it has been customary to make the gold-leaf of the size three and seven-eighths by three and three-eighths inches, and this was placed upon sheets of paper four and three-eighths by three and five-eighths inches, and a number of such leaves were bound together to make what is known as a "book." This is the regular commercial size, and is the only size it is customary to make. Special work now and then necessitates larger sheets of gold, and when such larger sheets are beaten out and trimmed it is found that their increase in cost greatly exceeds the proportional increase in area, thus showing much loss.

The object of my invention is to overcome this defect and yet produce a commercial sheet of gold-leaf of greater area than the sheets at present found in the market, the increase in cost of production being proportional to the increase in area.

In carrying out my invention I employ a book made up of sheets of the necessary increase in size to accommodate the larger sheets of gold-leaf, and upon the book-sheets so formed I lay the gold-leaf in two or more pieces or sheets of the requisite size to make up the required enlarged size, and so arrange them that their adjacent edges will lap to a slight extent, and in a practical effect unite to form one large sheet. The smaller sheets making up the large sheets are not designed to be larger than the sizes at present in the market. By this means I am enabled to make an oblong or square sheet of any desired size without the excessive waste incident to the manufacture of large sheets when beaten out of a single piece of metal.

In the drawings, Figure 1 is a front elevation of one of my improved books of gold-leaf open. Fig. 2 is an end view of same. Fig. 3

is an end view of a book-sheet and its made-up gold-leaf sheet, and Fig. 4 is a plan view showing a book-sheet with a gold-leaf sheet made up of four parts.

A are the book-sheets, and any number of them may be united together to form a book.

Referring to Fig. 1, we have a book-sheet four and one-fourth by seven inches, with a gold-leaf sheet made up of the two smaller sheets, B B, lapped at C, to the size three and seven-eighths by six and three-fourths inches. This is as if we took two of the ordinary commercial sheets and laid them end to end to slightly lap, as shown in Fig. 3. The parts B B unite when pressed upon each other, as is well known, and this property is utilized in making up the large sheets in my books.

In Fig. 4 the gold-leaf is shown as made square, having the cross lapping parts C and D.

While I have shown the sheets B as square or substantially square, it is to be understood that there is no limitation in this respect, as the large sheets could be made up of any size and from any sized smaller sheets. These large-sized sheets are necessary in certain branches of card-gilding, and the excessive cost of beating out large sheets of the necessary size has prevented any adequate profit. By making large sheets by my invention the cost per square inch does not exceed that of smaller work where the ordinary commercial sizes of gold-leaf are used.

The invention is equally applicable to silver or other metallic foil.

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

1. As an improved article of manufacture, commercial gold-leaf sheet of large size, made up of two or more smaller sheets having their adjacent edges slightly lapped.

2. As an improved article of manufacture, a book-sheet, in combination with a commercial gold-leaf sheet of large size, made up of two or more smaller sheets having their adjacent edges slightly lapped and detachably resting upon the book-sheet.

3. A gilder's book consisting of the combination of a series of book-sheets united at one end with a large gold-leaf sheet on each book-sheet, the said gold-leaf sheets being made up

of two or more smaller sheets of gold-leaf having their adjacent ends lapped.

4. The combination of paper sheet A with gold-leaf sheets B B, having their adjacent
5 edges lapped, as at C, and detachably resting on the paper sheet.

5. The combination of paper sheet A with gold-leaf sheets B B, having their adjacent

edges lapped, as at C and D, and detachably resting on the paper sheet. 10

In testimony of which invention I hereunto set my hand.

CHARLES A. WRIGHT.

Witnesses:

CHARLES E. LEX, Jr.,

R. M. HUNTER.