

(No Model.)

G. H. ARTHUR.
MULTIPLE TRANSFER PAD.

No. 381,201.

Patented Apr. 17, 1888.

FIG. 1.

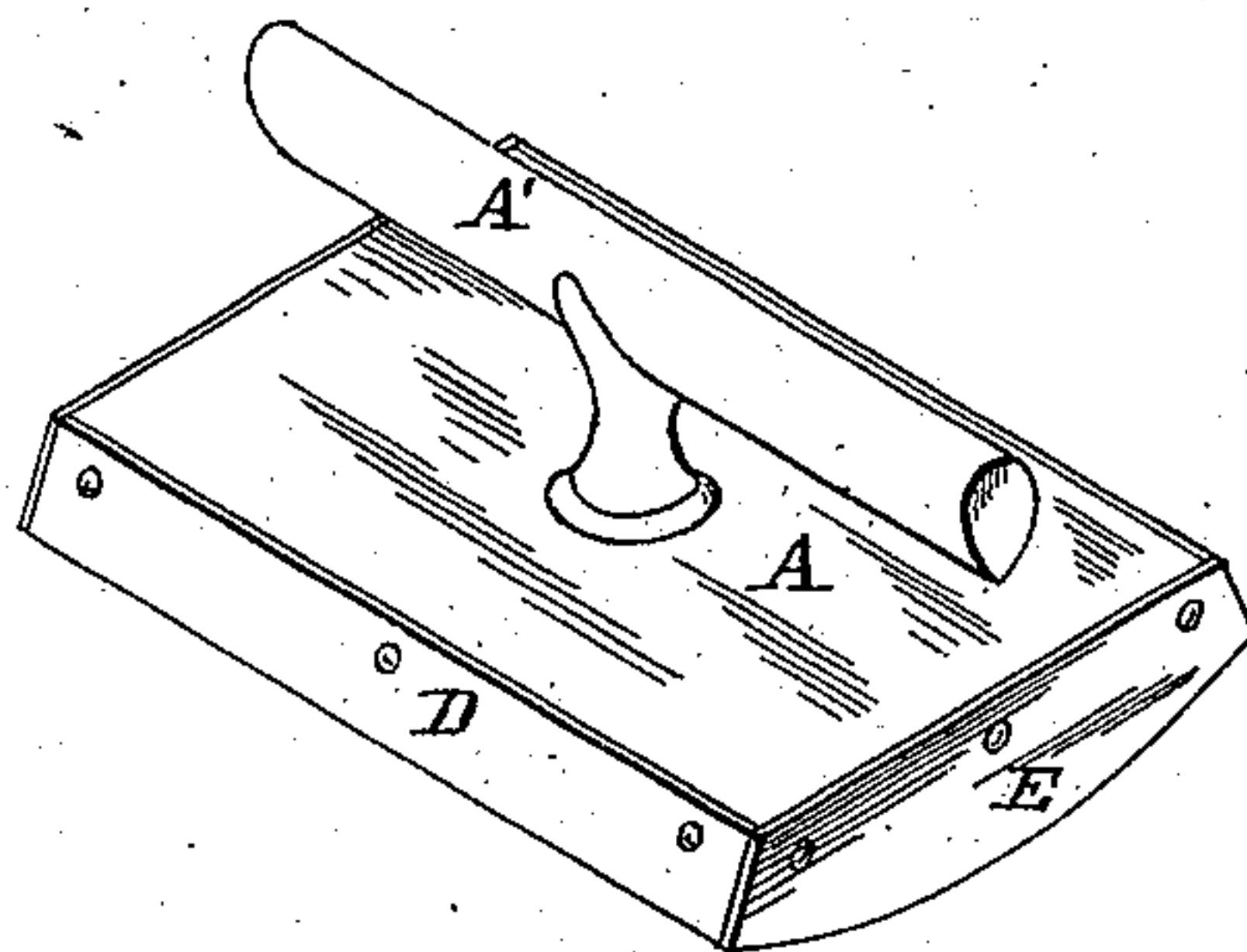


FIG. 2.

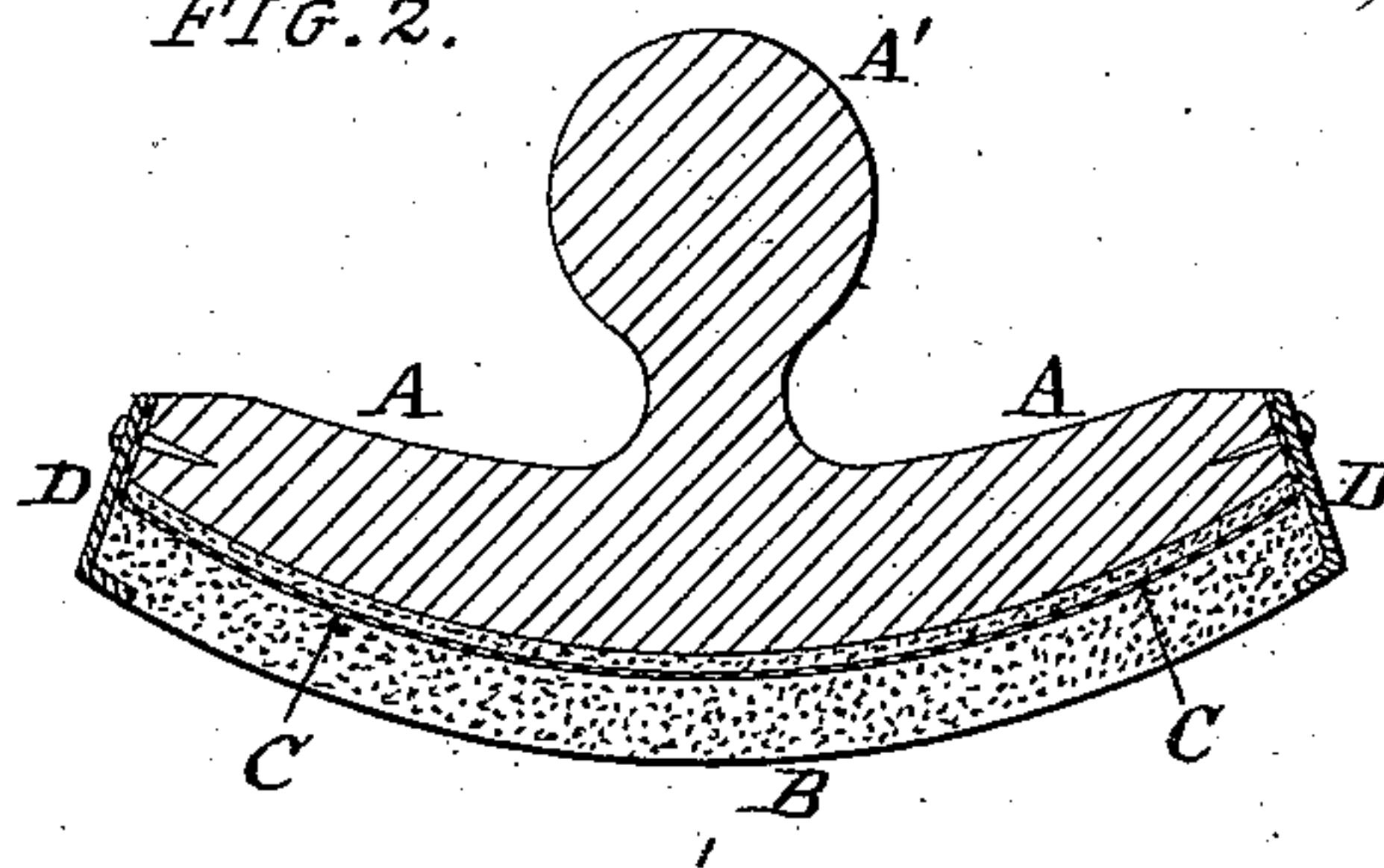
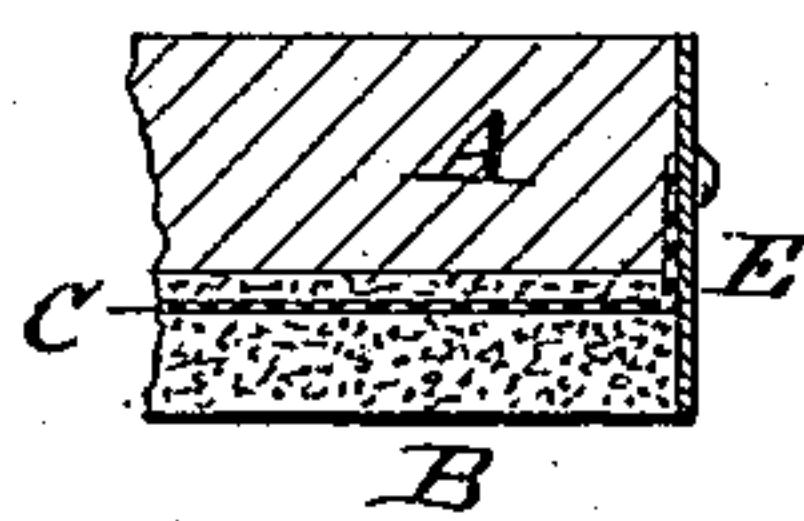


FIG. 3.



ATTEST:

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by

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UNITED STATES PATENT OFFICE.

GEORGE H. ARTHUR, OF CHICAGO, ILLINOIS.

MULTIPLE TRANSFER-PAD.

SPECIFICATION forming part of Letters Patent No. 381,201, dated April 17, 1888.

Application filed December 20, 1886. Serial No. 222,129. (No model.)

To all whom it may concern:

Be it known that I, GEORGE H. ARTHUR, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improved Multiple Transfer-Pad; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of my improved pad; Fig. 2, a transverse section of the same with a modified arrangement of the handle, and Fig. 3 a detail longitudinal section illustrating the end-protecting plates.

Similar letters of reference indicate like parts in the several views.

This invention relates to that class of autographic copying devices in which a gelatine composition surface is employed to receive a matrix copy to reproduce the same in multiple number; and the present improvement has for its object to provide a cheap, convenient, and effective appliance to effect such purpose.

To enable those skilled in the art to which my invention appertains to make and use the same, I will now proceed to more fully describe the particular construction and method of using the same.

Referring to the drawings, A represents a sector-shaped base or body, on the face of which is attached a facing, B, of any of the usual transfer compositions of gelatine, glycerine, &c., A' being the handle by which it is manipulated, and which may be of any usual form, either integral with the base, as indicated in Fig. 2, or separate therefrom, as indicated in Fig. 1.

My invention more especially relates to an improved means for attaching the transfer composition to the curved face of the base A. In this a sheet of perforate or woven material, C, is used which forms a "clinching" base for the composition and furnishes a means of attachment therefor to the base A. While I prefer to use what is commonly known as "cheese-cloth," any other perforate material may be used—such, for instance, as ordinary cloth,

wire-gauze, perforated metal, &c. By this means I am enabled to make a strong and durable attachment of the transfer composition to its supporting-base A.

D represent flanged protecting-plates at the edges of the base and composition for the purpose of shielding such edges of the composition from being marred or torn in use.

E represent metallic side plates of a sector shape corresponding with the outline of the copying composition, B, the purpose of which is to protect the same by furnishing a rigid rocking surface in the movement of making a transfer copy.

The protecting-plates D and E, in addition to protecting the gelatine transfer-surface, assist in attaching the edges of the perforate attaching-sheet C to the base A, and at the same time conceal the attaching-edges of the same.

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

1. A multiple copying appliance consisting of a sector-shaped base, A, composition body B, and perforate base C, intersecting the composition and furnishing means for the attachment of the same to the base A, essentially as herein described.

2. A multiple copying appliance consisting of a sector-shaped base, A, composition body B, and perforate base C, of cheese or other cloth, intersecting the composition and furnishing means for the attachment of the same to the base A, essentially as herein described.

3. A multiple copying appliance consisting of a sector-shaped base, A, composition body B, perforate base C, intersecting the composition, and flanged plates D, forming an end protection to the composition and a means for securing the attaching-base C to the sector-shaped base A, as set forth.

In testimony whereof witness my hand this 16th day of December, 1886.

GEORGE H. ARTHUR.

In presence of—

ROBERT BURNS,
DANL. CURTIS.