

C. M. LYON.
Machine for Ornamenting Cuspadores and Similar
Articles.

No. 169,278.

Patented Oct. 26, 1875.

Fig. 1.

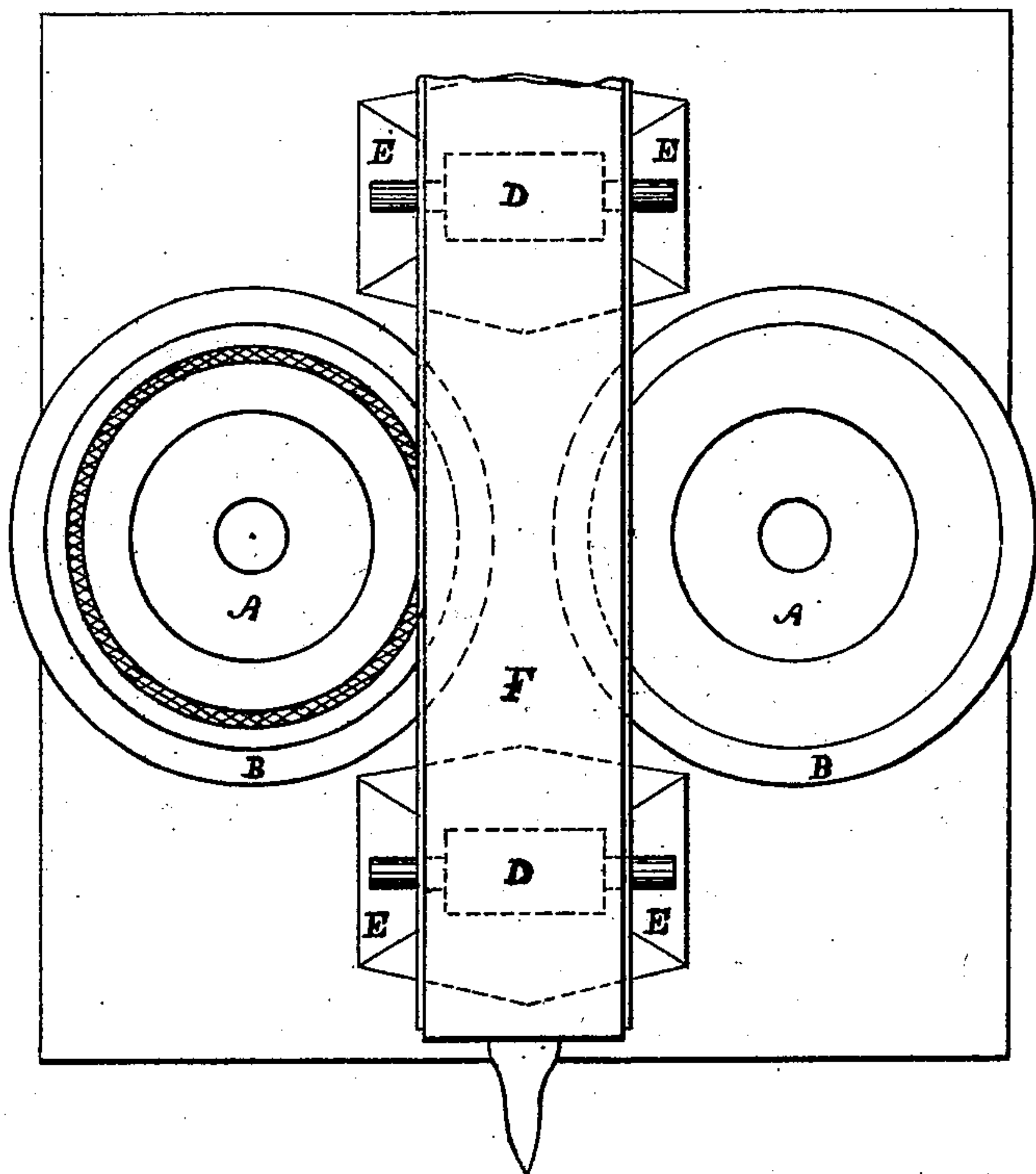


Fig. 2.

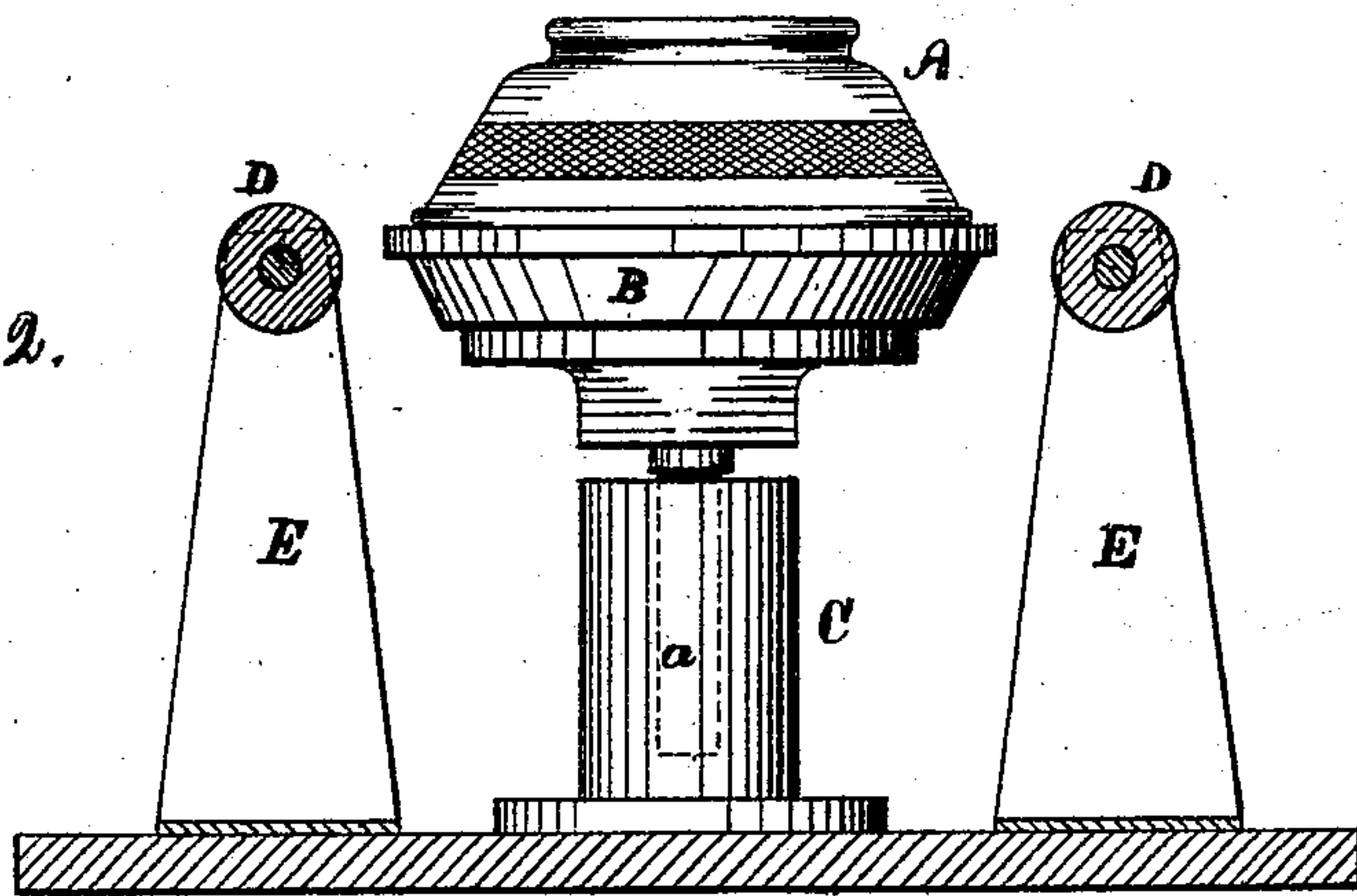


Fig. 3.

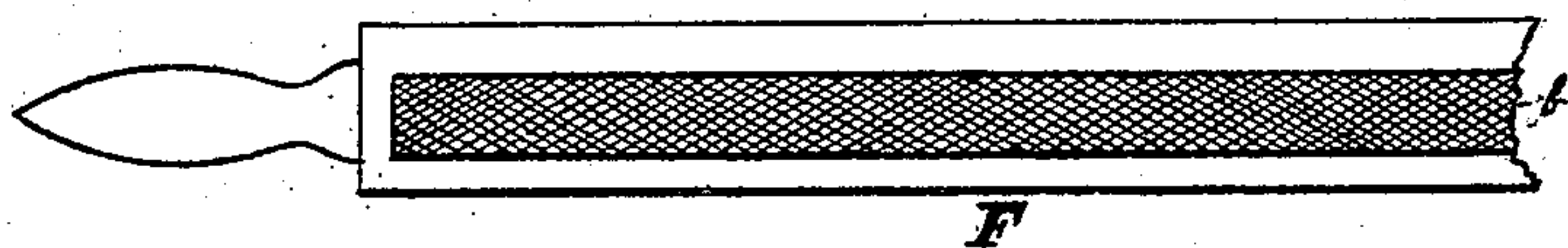
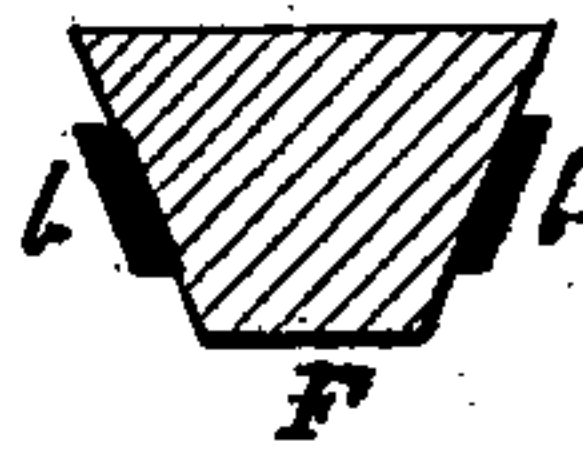


Fig. 4.



Witnesses
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UNITED STATES PATENT OFFICE.

CHARLES M. LYON, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN MACHINES FOR ORNAMENTING CUSPADORES AND SIMILAR ARTICLES.

Specification forming part of Letters Patent No. **169,278**, dated October 26, 1875; application filed June 19, 1875.

To all whom it may concern:

Be it known that I, CHARLES M. LYON, of the city of Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Machines for Ornamenting Cuspadores and other articles; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon, which form a part of this specification.

The nature and object of my invention are to facilitate the operation of ornamenting cuspadores or similar articles; and consists in the construction of a machine or apparatus, and the process by which the work is accomplished, as will be hereinafter more fully set forth and described.

In the accompanying drawing, Figure 1 is a top or plan view of a machine illustrative of my invention, and more particularly adapted to the ornamenting of cuspadores, two of which are in position for the purpose. Fig. 2 is a cross-section of the same with the printing or ornamenting tool removed, and Figs. 3 and 4 are side and sectional views of the latter.

The cuspadores A or other articles to be ornamented are placed in a dish-shaped receptacle, B, or other shape adapted to receive and hold the articles to be ornamented immovably, which said receptacles are provided with shanks *a* fitting into corresponding sockets in the pedestals C, so as to allow said receptacles to rotate freely therein, as indicated

in Fig. 2. Two rollers, D, revolving in suitable supports E, (see Fig. 2,) are arranged upon either side and between the articles to be ornamented, upon which the printing or ornamenting tool F is placed and moved from end to end horizontally in ornamenting, as indicated in Fig. 1. The ornamenting-tool, as will be observed by reference to Figs. 3 and 4, is provided with a strip, *b*, of rubber or other flexible material on each side, in which the design of ornament is wrought.

The process of ornamenting is as follows: The gold-leaf or other material used for ornamenting is first placed upon the strips *b*, and the articles to be ornamented sized and placed in their rotating receptacles, as shown. The tool F is then placed upon the rollers, with the strips resting against the articles to be ornamented, and moved lengthwise, which causes said articles to rotate, and transfers the material and configuration from the tool to the articles aforesaid in the most perfect manner and very rapidly.

What I claim is—

The apparatus for ornamenting cuspadores and other circular-shaped articles, consisting essentially of the rotating receptacles or holders B, rollers D, and tool F, all constructed and arranged to operate substantially as described, for the purpose set forth.

In testimony that I claim the foregoing as my own invention I affix hereto my signature in presence of two witnesses.

CHARLES M. LYON.

Witnesses:

OLIVER DRAKE,
JOHN C. TUNBRIDGE.