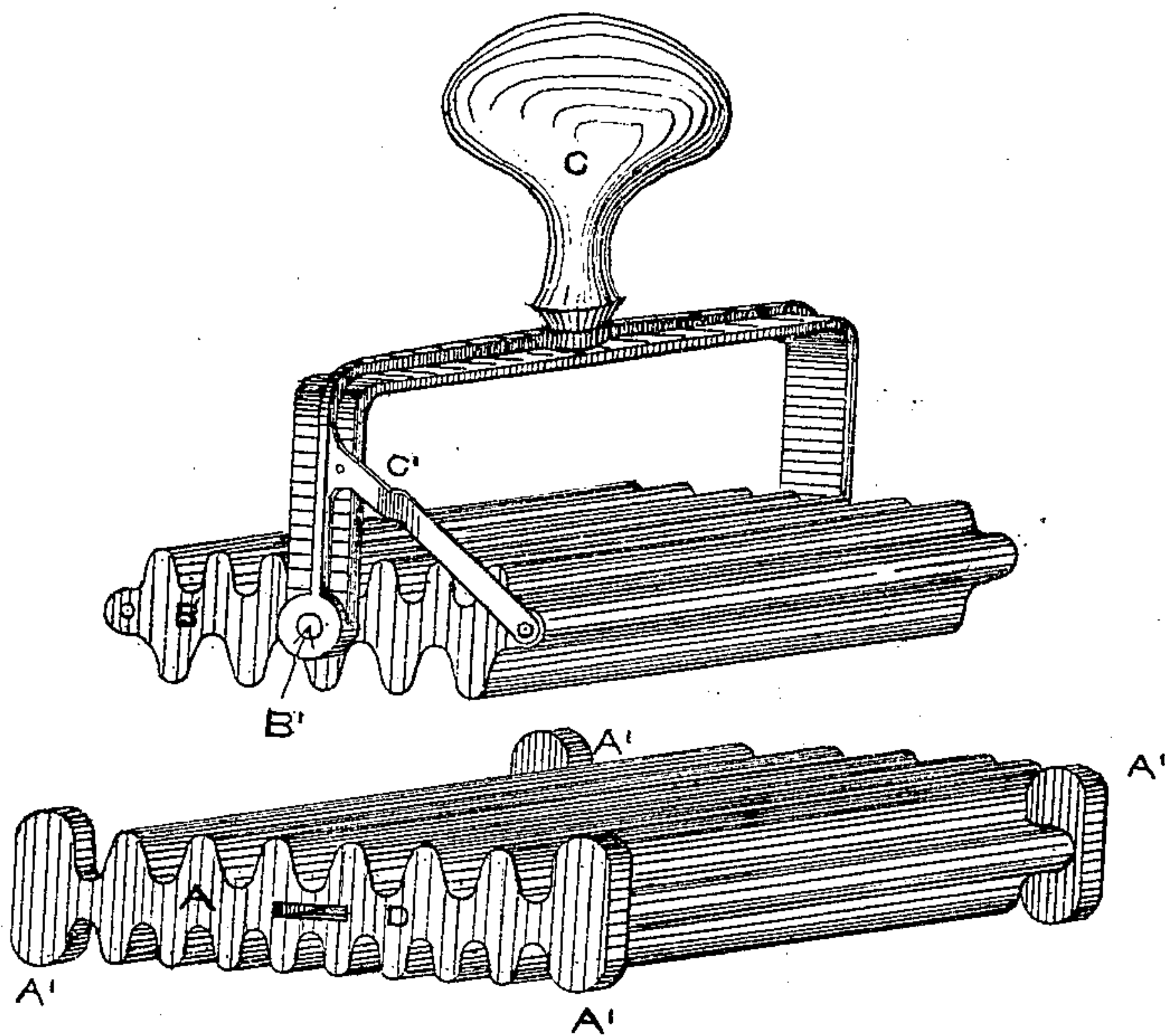


JAMES W. MADDEN & JOHN DODSWORTH.

Fluting-Machine.

No. 128,156.

Patented June 18, 1872.



WITNESSES:

H. W. Dopp
Michael J. Clark.

INVENTORS:

James W. Madden
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UNITED STATES PATENT OFFICE.

JAMES W. MADDEN AND JOHN DODSWORTH, OF BUFFALO, NEW YORK.

IMPROVEMENT IN FLUTING-MACHINES.

Specification forming part of Letters Patent No. 128,156, dated June 18, 1872; antedated June 8, 1872.

Specification describing certain Improvements in Fluting-Machine, invented by JAMES W. MADDEN and JOHN DODSWORTH, both of Buffalo, in the county of Erie and State of New York.

The nature of our invention consists in the arrangement of a revolving fluting-die attached to a handle, said die being provided with corrugations on two sides, and operated in conjunction with a corresponding die, also fluted on two sides, which die is provided with four projections.

We refer to the accompanying drawing, which makes part of this specification, and which represents our fluting-iron in a perspective view.

Letter A represents a fluting-die or case provided with corrugations on two or more sides, and of different space or pitch, and having on its corners feet, marked A', projecting sufficiently above the corrugations to protect them when placed upon the stove to be heated or otherwise. B is a revolving fluting-die. It is provided, also, with corrugations of different pitch, corresponding with those of base A, and also with two pivots marked B'. C is a frame and handle for the purpose of receiving the fluting-die B. It has bearings for the reception of the pivots of fluting-die B, and a handle to operate the die with. C' is a blade-spring, being attached to frame C on one end, and having a pin fastened to its other end. Said pin engages in corre-

sponding holes in revolving die B, and serves, in conjunction with blade-spring C', as a brace to hold revolving die B in its proper position. D is a recess in case A for the reception of any stove cover-lifter, and has the object to allow the case A to be easily handled when hot.

The operation of this fluting-die will be understood at once. When case A is heated the fabric to be fluted or crimped is placed upon the same and pressed into the corrugations by means of revolving die B. To reverse revolving die B, release blade-spring C' from die B, when die B may be revolved as desired and heated again by engaging blade-spring C' with die B.

It will be observed that the corrugations on the sides of base A and revolving die B are of different space or pitch, which will give the operator a variety of flutes, and allow a change in the work to be fluted.

Claim.

A fluting-machine, consisting of the bed-plate A and counter-die B, said parts having varying flutes on their opposite faces, and being reversible for conjoint operation, substantially as described.

JAMES W. MADDEN.
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Witnesses:

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