

C. ANDERSON.
Fluting Irons.

No. 152,959.

Patented July 14, 1874.

Fig. 1.

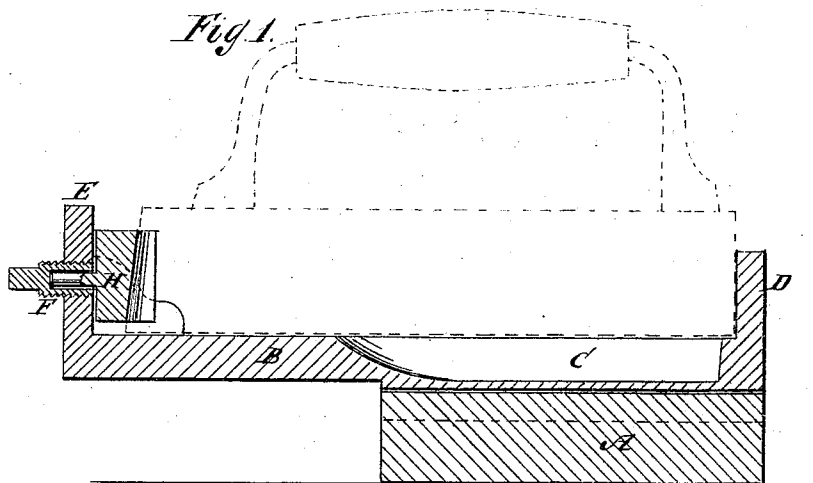


Fig. 2.

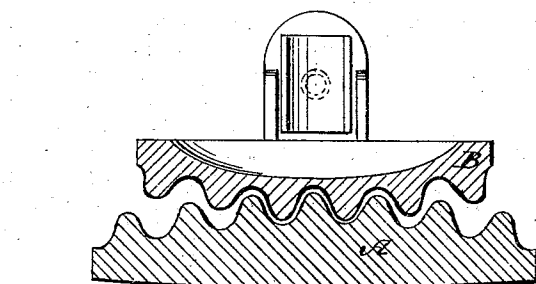
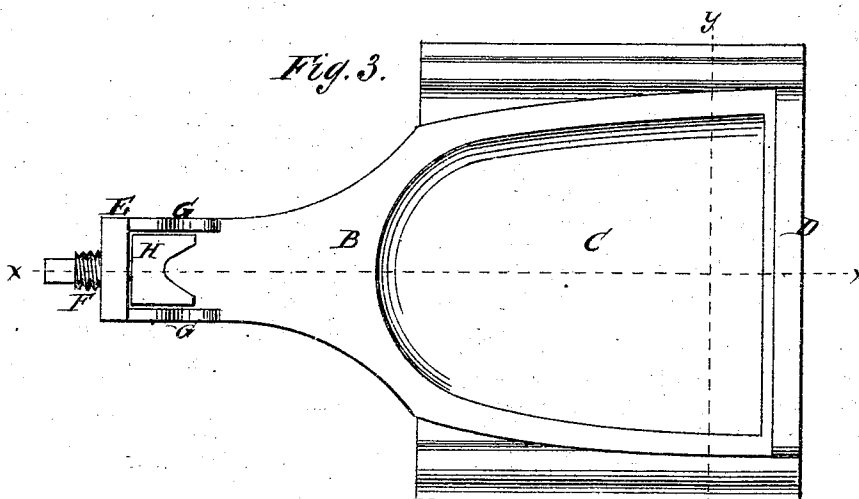


Fig. 3.



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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN FLUTING-IRONS.

Specification forming part of Letters Patent No. **152,959**, dated July 14, 1874; application filed January 17, 1874.

To all whom it may concern:

Be it known that I, CHARLES ANDERSON, of Boone, in the county of Boone and State of Iowa, have invented a new and useful Improvement in Fluting Apparatus, of which the following is a specification:

The invention will first be fully described, and then pointed out in the claims.

In the accompanying drawing, Figure 1 represents a vertical section of Fig. 3, taken on the line *x x*. Fig. 2 is a vertical cross-section of Fig. 3, taken on the line *y y*. Fig. 3 is a top or plan view.

Similar letters of reference indicate corresponding parts.

A is the bed-piece, the upper surface of which is an arc of a circle, fluted, or with grooves therein of any desired form. B is the upper portion, the lower side of which is the arc of a circle, with flutes or grooves therein to correspond with those in the lower portion. The upper side of this upper portion is a flat surface to correspond with the face of the flat-iron, but having a cavity, C, for containing hot air. D is a vertical flange, against which the butt of the flat-iron bears. E is a vertical flange at the other end, having a set-screw, F, by means of which the iron is fastened on the top piece B. G G are vertical side flanges for strengthening the flange E and guiding the screw-block H, which latter fits onto the point of the flat-iron. The screw F is turned

in and out by means of a socket-wrench. The flat-iron is thus attached to the top piece B when it is hot.

The fabric to be fluted is placed between the two parts A B, and the flat-iron, with the part B, is rocked and pressed upon the fabric, which receives the desired impression.

The parts A B may be made of either iron, brass, or of any suitable material.

I am aware that sad-irons have been heretofore used with fluting-irons attached by screws and lugs, and also that fluting-irons have been provided with curved or fluting surfaces. These I do not claim broadly; but

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

1. The combination, with the fluting-bed A, of a movable fluter, having the cavity C, over which the flat-iron is placed, and under which is located the said bed, to allow the heat from the flat-iron to be transmitted to the fluter indirectly through a stratum of air, and thus to be tempered.

2. The combination of flanges D E G, screw F, and block H, to hold the flat-iron to the movable fluter in the manner described.

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Witnesses:

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