

G. F. FESSENDEN.

FLAT-IRON REST AND POLISHER.

No. 173,928.

Patented Feb. 22, 1876.

Fig. 1

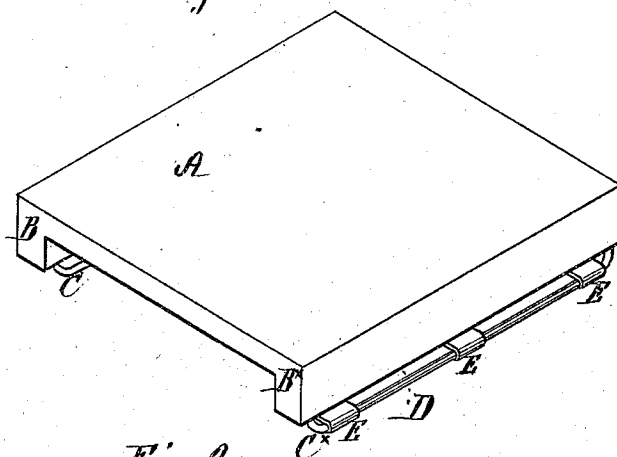
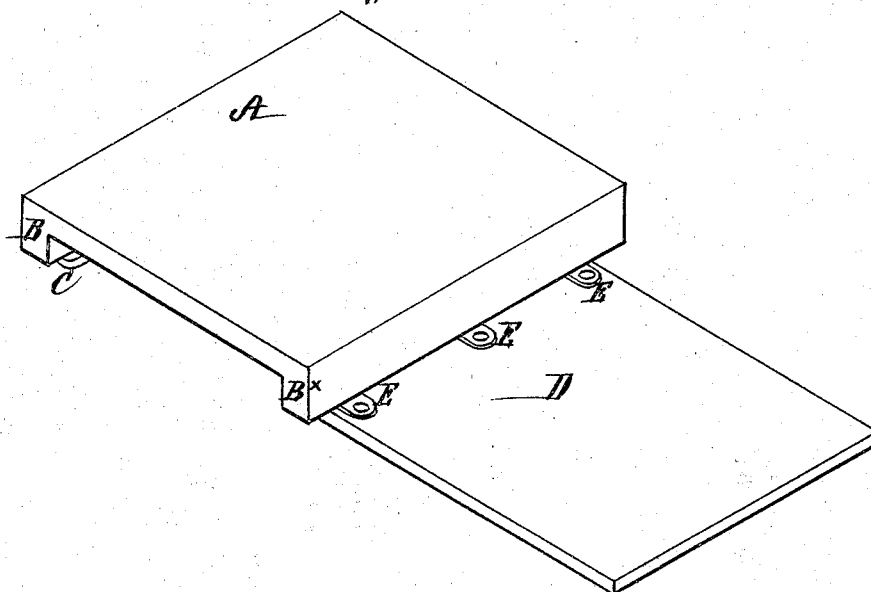


Fig. 2



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GEORGE F. FESSENDEN, OF EVERETT, ASSIGNOR TO FRANK ALBERT FESSENDEN, OF ARLINGTON, MASSACHUSETTS.

IMPROVEMENT IN FLAT-IRON RESTS AND POLISHERS.

Specification forming part of Letters Patent No. **173,928**, dated February 22, 1876; application filed August 12, 1875.

To all whom it may concern:

Be it known that I, GEORGE FREDERICK FESSENDEN, of Everett, Middlesex county, State of Massachusetts, have invented a new and Improved Flat-Iron Rest and Polisher, of which the following is a specification:

The nature of my invention is that of a flat plate, made of any incombustible substance, provided on its lower side, at the edges of the plate, respectively, with two flanges, forming legs or supports for the plate; and also with two wires fastened to the plate, and passing parallel with and below it at each end of the other edges of the same, from near the end of one flange to near the opposite end of the other, to which is attached a piece of felt, armed on one or both surfaces with a coating of sand, cemented on; and the object is to furnish a rest for heated flat-irons by means of the first part of the device, and a means of keeping the face of the flat-iron clean and smooth by the use of the second part, called the "ironing-pad."

Figure 1 represents, in perspective, my device as it appears when closed and not in use. Fig. 2 shows the device as it appears when open and in use.

In the drawings, A, Figs. 1 and 2, is a piece of cast-iron, called the "rest," of the shape of a flat slab, with two bars, B B^x, Figs. 1 and 2, fastened to its lower surface, as legs. Fastened to the lower edges, respectively, of these two legs or supports are two wires, C C^x, Figs. 1 and 2. These run parallel with the lower surfaces of the legs, and their ends, respectively, bend upward at a right angle and enter into the body of the supports, to which they are firmly attached. D, Figs. 1 and 2, is a square piece of felt, called the "pad," of slightly smaller dimensions than the rest, which pad bears three loops, E E E, Figs. 1 and 2, preferably of metal, fastened by rivets to it, which loops pass over the right-hand wire C^x, and thus hinge the pad to the same, allowing it to be folded up, as in Fig. 1, or unfolded for use, as in Fig. 2. This pad D

is thus prepared: I take hot thick glue and with it cover one or both sides of the felt, and then, with a dredging-box, or in other convenient manner, cover the surface with sand. The glue being allowed to cool, the sand is found to be firmly fastened to the felt.

When my invention is to be used, it is placed upon the ironing-table and unfolded, as shown in Fig. 2. The iron-rest is used—like the ordinary device commonly known—to support the heated iron. The sanded-felt attachment, lying flat on the table, with the sanded surface uppermost, receives from time to time the flat-iron, which is forcibly rubbed back and forth on it, the friction of the gritty particles fastened to the felt smoothing and cleaning the face of the iron, and thus causing the same to slide smoothly, easily, and with less exertion over the clothes, &c., ironed, while it removes any rust or dirt on the flat-iron, which would otherwise soil and stain the objects ironed.

I do not claim the application of sand-paper or of emery-cloth to any of these uses named, the essential feature of my invention, as regards the pad, consisting in the compressible, as well as flexible, nature of the material bearing the sand. I do not confine myself to the use of felt, using, sometimes, one or more thicknesses of woolen or other cloth. I sometimes use shellac, or india-rubber, or other cement. Emery, or powdered glass, or pumice-stone, or sand and soap-stone, may be used, or any granular and gritty substance, for my frictional surface. I make my rest of soap-stone, metal, or any other suitable substance.

I claim—

The sad-iron holder A, constructed as described, and provided with the sanded pad D, as and for the purpose specified.

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Witnesses:

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