

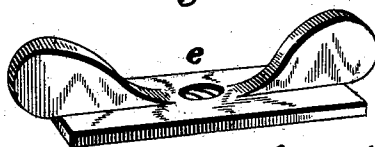
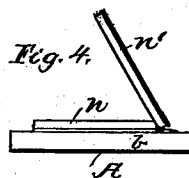
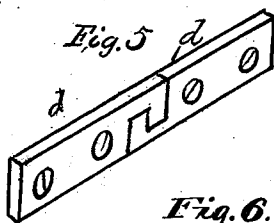
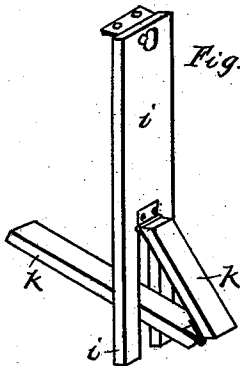
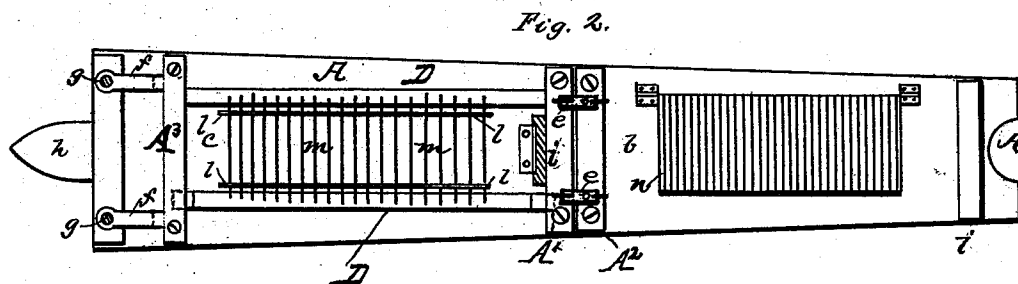
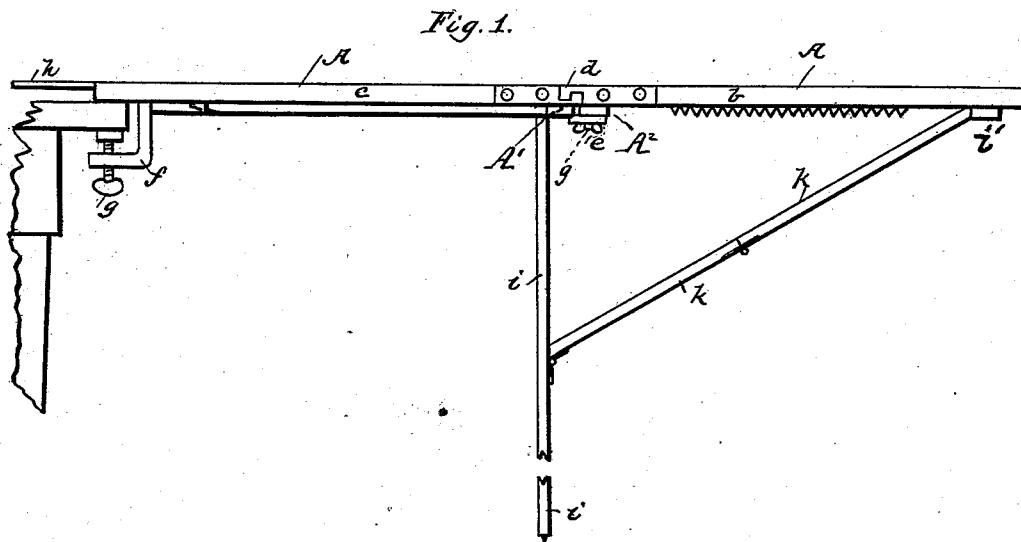
(No Model.)

Q. & M. LUTZ.

COMBINED IRONING, FLUTING, AND PLAITING STRUCTURE.

No. 357,614.

Patented Feb. 15, 1887.



WITNESSES

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QUIRIN LUTZ AND MARY LUTZ, OF SHALER, ALLEGHENY COUNTY, PA.

COMBINED IRONING, FLUTING, AND PLAITING STRUCTURE.

SPECIFICATION forming part of Letters Patent No. 357,614, dated February 15, 1887.

Application filed April 3, 1886. Serial No. 197,715. (No model.)

To all whom it may concern:

Be it known that we, QUIRIN LUTZ and MARY LUTZ, residing at Shaler township, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in a Combined Ironing, Fluting, and Plaiting Structure; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

Our invention relates to an improvement in a combined ironing, fluting, and plaiting structure, the object being to provide a combination of the different appliances used in ironing and finishing linen that they may be used separately or together; and with this end in view our invention consists in certain details of construction and combination of parts, as will be more fully set forth hereinafter and claimed.

In the accompanying drawings, Figure 1 is a side elevation of our improved combined ironing, fluting, and plaiting structure constructed in accordance with our invention. Fig. 2 is a plan view of the under or reverse side of the ironing-board, showing the plaiting and fluting devices. Fig. 3 is a perspective view of the folding leg for supporting the ironing-board. Fig. 4 is an end elevation of the fluting-irons. Fig. 5 is a perspective view of the square interlocking hooks for one edge of the boards *b c*, and Fig. 6 is a perspective view of one of the nuts *e*.

Referring to the annexed drawings by letters, *A* designates a board, which is tapered, as shown in Fig. 2, and divided near the middle of its length into two sections, *b c*, which may be readily connected together, as shown in Figs. 1 and 2, by square hooks *d*, secured to the edges of the boards on opposite sides thereof. Battens are secured to the adjacent under sides of each section of the board, and elongated nuts *e* are secured to the under side of the batten *A*², which, when set up tightly, bear against said batten *A*² of section *b*, and also against the batten *A*¹ of section *c*. At

one end of the section *c* are clamping devices *f f*, provided with set-screws *g g*, which serve as means for firmly securing the board to a table or other established object, as shown in Fig. 1.

A small projecting metallic shelf, *h*, secured on one end of the section *c*, serves as a support for a smoothing-iron when such iron is not in use.

In addition to the clamping devices we employ a leg-support, *i*, suitably hinged to the section *c* near the batten *A*¹, which post rests upon the floor, as shown in Fig. 1, and its lower portion is slotted and has hinged to it a jointed folding prop, *k*. (Clearly shown in Figs. 1 and 3.) When this prop is in the position shown in Fig. 1, its outer end abuts against a batten, *i*, secured to the section *b* near its smallest end.

On one side of the section *c* is a plaiting device consisting of a number of small staples, *l*, provided with removable needles *m*. This plaiting device differs in no essential feature from plaiting devices in common use.

On one side of the other section, *b*, of the board *A* is suitably secured (by nails or screws) a corrugated fluting-iron, *n*, and on one side of this iron is its counterpart, *n*¹, which is suitably hinged to the section *b*. In practice we shall provide a suitable device for securing the free end or edge of the hinged iron to the edge of the fixed iron when a cloth is clamped between the two irons to be fluted. Such device may be a simple turn-button secured to the under side of the board, so as to engage the edges of the irons when folded together.

When the sections are arranged as shown in Fig. 1, the device affords an excellent ironing-board, the upper surface being smooth and level. When the section *c* is inverted and detached from the section *b*, it affords a plaiting device, and when the section *b* is inverted it serves as a fluting device, or its smooth side may be used for ironing small work.

What we claim is—

The combined ironing, fluting, and plaiting structure consisting of the board constructed in two sections detachably secured together,

clamps for attaching the board to a table, one
section provided with a hinged leg, a folding
brace hinged to the said leg, both sustaining
the board in a horizontal position, a metallic
5 shelf or rest secured to one end of the board,
fluting devices attached to the under side of
one section of the ironing-board, and a plait-
ing device secured to the under side of the

other section of the board, substantially as
described.

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Witnesses:

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