

C. F. W. SEIDEL.
Ironing-Table.

No. 215,402.

Patented May 13, 1879.

Fig 1.

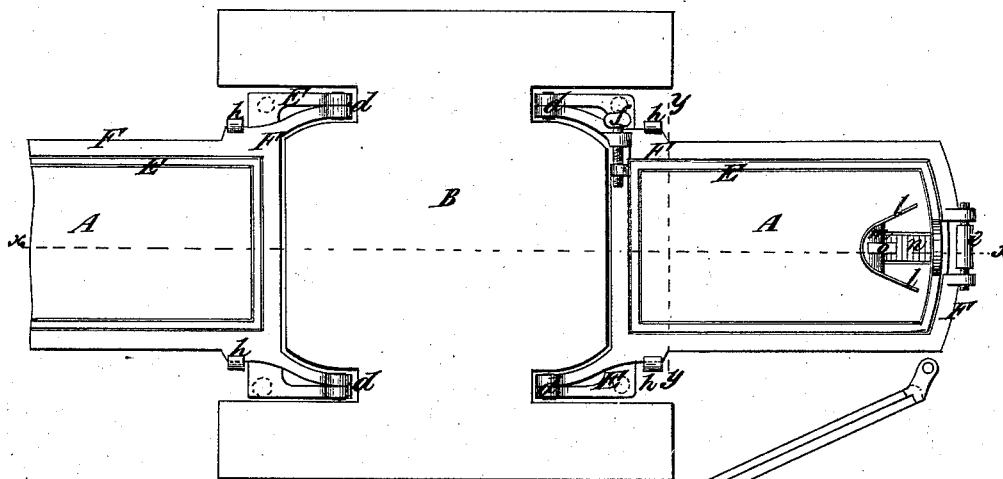


Fig 2.

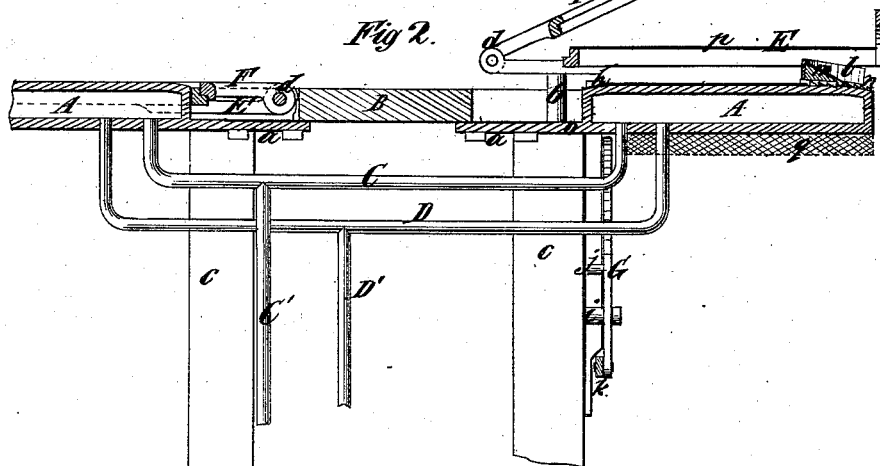
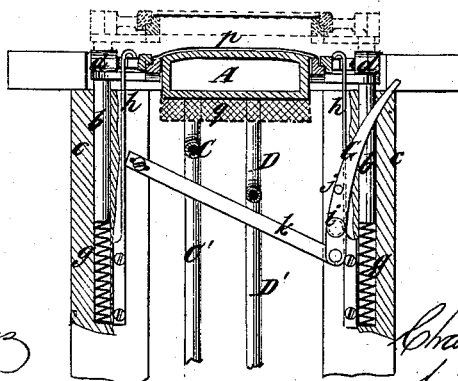


Fig 3.



Witnesses:
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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN IRONING-TABLES.

Specification forming part of Letters Patent No. **215,402**, dated May 13, 1879; application filed March 6, 1879.

To all whom it may concern:

Be it known that I, CHARLES F. W. SEIDEL, of the city, county, and State of New York, have invented certain new and useful Improvements in Ironing-Tables, of which the following is a specification.

Although my improvements are applicable to tables for use in ironing various articles, they are especially intended for tables for ironing or what is termed "glossing" the bosoms of shirts.

One object of these improvements is to provide for holding and stretching the article to be ironed upon the ironing table or board, and at the same time to afford convenience for inserting the articles within the holder and removing them therefrom.

Another object is to provide for properly supporting and shaping the neck-band or collar of a shirt while the same is being ironed.

To this end the invention consists in the combination, with an ironing table or board, of a holder or clamping-frame capable of vertical movement relatively to said table or board, springs or their equivalents for elevating said holder or frame, and catches for holding it in a depressed position. The holder or clamping-frame is preferably composed of two frames, one fitting outside the other and hinged thereto. The said outer frame is also preferably made in two sections, and provided with screws for adjusting it to suit articles which are not of uniform thickness throughout.

It also consists in various combinations of parts, hereinafter described and claimed.

In the accompanying drawings, Figure 1 represents a plan of a table having two of my ironing tables or boards secured to it; Fig. 2, a central vertical section thereof on the dotted line *x x*, Fig. 1; and Fig. 3, a transverse section on the dotted line *y y*, Fig. 1, the legs of the table being partly broken away to show the construction more clearly.

Similar letters of reference designate corresponding parts in all the figures.

A A designate two ironing tables or boards, which are secured to a central supporting-table, B, around which any number of the tables or boards A may be arranged.

I preferably provide means for keeping the tables A heated while work is being done upon

them, and the means here represented consist in forming the tables hollow and passing steam through them.

C' designates a pipe communicating with both tables, and provided with a common supply-pipe, C'; and D represents a pipe, also communicating with both tables, and provided with a common exhaust-pipe, D'.

The steam-tables A are represented as provided with flanges *a*, rigidly bolted to the under side of the supporting-table B.

E designates a frame surrounding the table A on its four sides, and here represented as supported upon two bars or rods, *b*, which fit in vertical bearings in the legs *c* of the table, as clearly represented in Fig. 3.

F designates a second frame, of such size as to fit snugly around the frame E, and which is here represented as hinged to the said frame E by means of lugs *d*, upon which the frame F may be turned up, as represented in Fig. 2. Between these two frames the shirt to be ironed is placed, and by bringing the frame F down into the position shown in Fig. 1 the shirt or other article is securely held in position to be operated upon.

The frame F is made in two pieces, and by means of the right and left hand threaded screw *e* and the thumb-screw *f* the two pieces or sections may be adjusted to suit articles which are not of uniform thickness throughout.

In order to more conveniently insert an article between the frames E and F, the two said frames are capable of being elevated or depressed together relatively to the steam-table A, and, as here represented, this is accomplished by making the bars or rods *b*, supporting the frame E, vertically adjustable in their guides in the legs *c*. I have shown springs *g* inserted in the legs for forcing the frames E and F upward; and *h* designates spring-catches adapted to overlap the frame F, as shown in Fig. 3, and hold the same down.

G designates a lever, pivoted to the leg of the table at *i*. This lever carries a pin, *j*, which, when the lever is pushed aside, acts on one of the catches *h* to disengage it from the frame F; and I have shown a rod, *k*, as acting on the other catch, thus disengaging both simultaneously, and allowing the frames

to rise by the force of the springs *g* into the position shown in dotted outline in Fig. 3. In lieu of these springs, weights or their equivalents may be employed.

For the purpose of properly supporting and shaping the neck-band or collar of a shirt, I employ an elastic guard or former, which may consist of a strip of spring metal, *l*, secured to a stock-piece, *m*. To suit shirts of different sizes, I preferably make this guard or former adjustable along the table, and I have represented it as adjustable along a rock-bar, *n*, and as held in position by a catch or pawl, *o*.

In order to prevent the article to be ironed from being soiled, I preferably cover the table *A* with a cloth guard, *p*, (represented in Figs. 2 and 3 as secured to the frame *E*,) and I preferably cover the bottom and sides of the table *A* with a guard, *g*. (Represented as formed of wire-gauze.)

In the operation of my table, it is only necessary to stretch and dampen the articles to be ironed before placing them upon the table. They are thoroughly dried by the heated table, and it is only necessary to do the finished ironing or "glossing," as it is called, whereas in the ordinary manner of ironing shirts the bosoms are first rough-ironed and then glossed.

By my invention the stretching of the articles over the heated table enables the rough ironing to be dispensed with, and hence the labor of ironing is much lessened.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination, with an ironing table or board and a holder or clamping-frame capable of vertical movement relatively to the table or board, of springs or their equivalents for elevating said holder or frame and catches for holding it in a depressed position, substantially as specified.

2. The combination, with an ironing table or board, of the frame *E*, the frame *F*, fitting around the latter, and made in two sections, and the screws *e f*, whereby the frame *F* may be adjusted to suit articles which are not of uniform thickness throughout, substantially as specified.

3. The combination, with an ironing table or board, of a frame surrounding the same on four sides and a frame hinged to the first-mentioned frame and acting in conjunction therewith to retain the article to be ironed upon the table or board, substantially as specified.

4. The combination, with the frames *E* and *F*, of the springs *g*, catches *h*, lever *G*, pin *j*, and rod *k*, substantially as specified.

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Witnesses:

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