

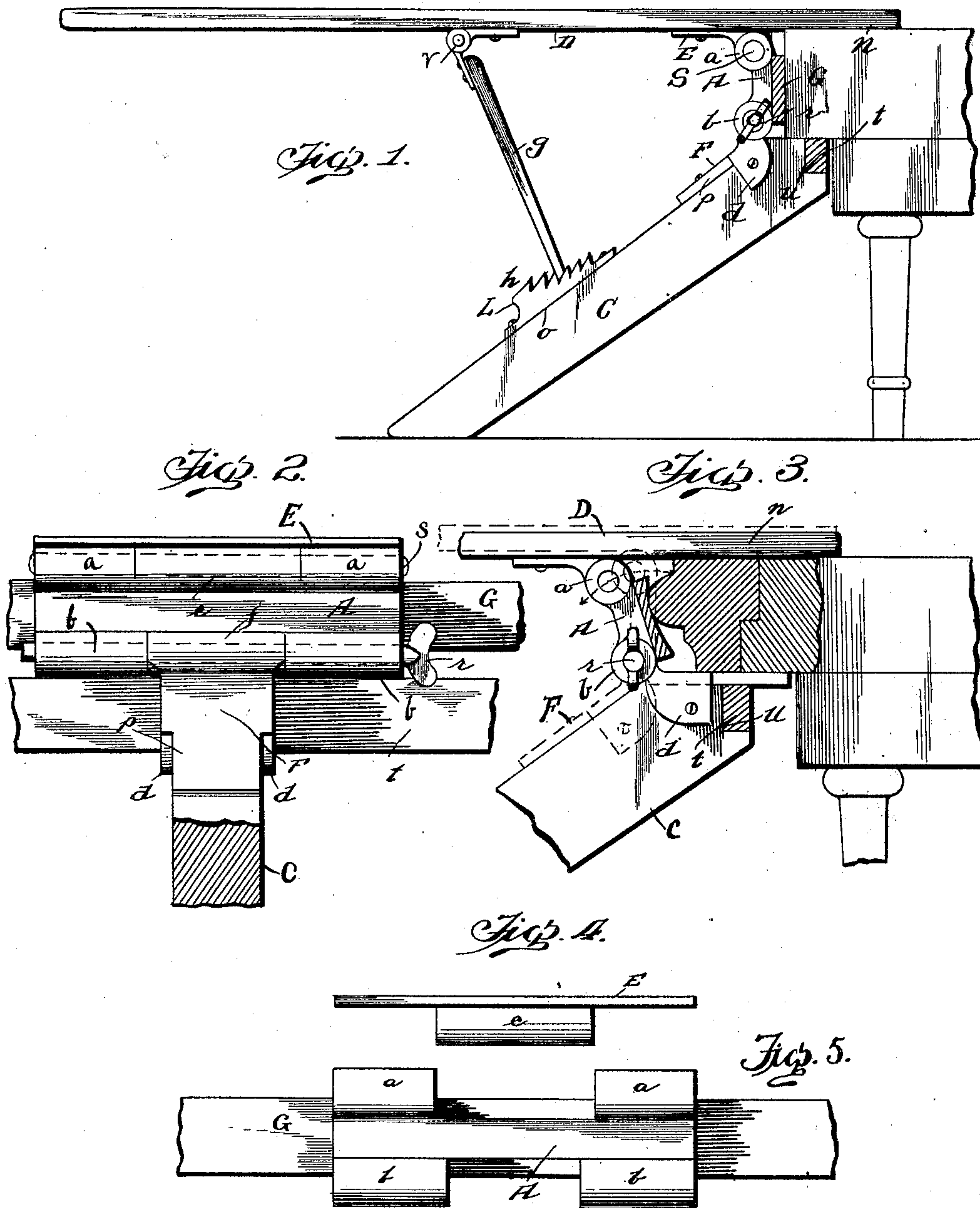
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F. ARTÓS & M. JACKSON.
ADJUSTABLE CLAMPING DEVICE FOR IRONING BOARDS.

(Application filed Aug. 15, 1901.)

(No Model.)



Witnesses

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UNITED STATES PATENT OFFICE.

FREDERICK ARTÓS AND MARGRET JACKSON, OF DETROIT, MICHIGAN.

ADJUSTABLE CLAMPING DEVICE FOR IRONING-BOARDS.

SPECIFICATION forming part of Letters Patent No. 711,373, dated October 14, 1902.

Application filed August 15, 1901. Serial No. 72,157. (No model.)

To all whom it may concern:

Be it known that we, FREDERICK ARTÓS and MARGRET JACKSON, citizens of the United States of America, residing at Detroit, in the county of Wayne, State of Michigan, have jointly invented an Improved Adjustable Clamping Device for Ironing-Boards, of which the following is a description.

The present invention relates to improvements in clamping devices, and more particularly to such as are specially adapted for application to ironing-boards for retaining the same in position.

It consists of certain novel constructions, combinations, and arrangements of parts, as will be hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 represents a view in side elevation of a clamping device embodying the features of the present invention, the same being shown connected to an ironing-board and its supporting-brace and applied to a fixed object. Fig. 2 represents a view in elevation of the front of said clamping device applied to a supporting-brace, the parts being shown on an enlarged scale. Fig. 3 represents a view similar to Fig. 1 on an enlarged scale, parts being broken away for the saving of space and other parts broken away to better illustrate the construction; and Figs. 4 and 5 represent enlarged detail views in front elevation of the top and center plate of the clamping device.

The object of the present invention is to provide means whereby an ironing-board may be readily applied to a fixed object, preferably a ledge, rigidly held in position during operation and readily and easily detached from the said object without injury to the board or the object. In order to attain this and other desirable results, as seen in the drawings, a center or connecting plate, as A, is employed, said plate being formed with upper comparatively short barrels, as *a a*, and with lower comparatively long barrels, as *b b*, each of the barrels of the respective pairs being spaced from the other thereof.

A top plate, as E, is designed to be secured in any preferred manner to any preferred form of ironing-board, as D, and said plate E is formed with a barrel, as *c*, of a length to fit snugly between the barrels *a a*, and when

in such position the bores of all of said barrels are designed to register, whereby any suitable pintle, as *s*, may be passed there- through for pivotally securing the top plate and center plate together.

A base-plate, as F, is detachably secured to any preferred form of brace, as C, preferably formed with a flat upper end. The base-plate F is formed with side flanges or ears, as *d*, which are designed to inclose brace C. One end of plate F is formed with a barrel, as *f*, which is of a length to fit snugly between barrels *b b*, the bores of all of said barrels when in said position registering and being designed to receive a suitable pintle, as *r*, for pivotally securing the parts together. It will be noted that the pintle *r* is provided with suitable lugs extending laterally from one end, whereby the same may be grasped for facilitating the removal of pintle *r* for disconnecting plate F from plate A, said plate F being designed to be secured upon either the flat upper end of brace C or secured to its edge, as seen in dotted lines in Fig. 3, the said two plates being pivotally secured together without regard to the position of plate F. It will be seen that the means for removing pintle *r* will greatly facilitate the alteration of the position of plate F, as said pintle must always be removed before the position of plate F can be changed.

Formed integral with and extending from the rear face of plate A is a suitable transversely-arranged plate, as G, which latter plate may be of any preferred length, but usually of a length corresponding with the width of the ironing-board, to which the present clamping device is applied, the said plate G being designed to rest in operation against the fixed object and prevent wobbling of said ironing-board.

A portion of the flat upper end of brace C is preferably cut away, as at *u*, and a transverse beam, as *t*, inserted and secured therein, said beam being of any desired length and having its upper edge lying flush with the upper end of brace C, whereby the beam is designed to contact with the fixed article, against which the upper end of brace C rests during operation, thereby effectually preventing lateral movement of any of the parts.

A suitable rack-bar, as L, is provided and

arranged with its flat face, as *o*, resting upon the upper edge of brace *C*, said rack-bar being secured in any preferred manner. The upper face of the bar *L* is of concave form and provided with a plurality of teeth, forming a rack, as *h*. A suitable auxiliary brace, as *g*, is hinged, as at *v*, to the ironing-board *D* some distance outwardly from plate *E*, whereby when the lower end of brace *g* is caused to engage rack *h* the outer end of the board *D* will be supported in position for operation.

The operation of the present improved clamping device will be readily understood from the foregoing disclosure. One method of applying the same to a suitable fixed ledge is by permitting the end, as *n*, of board *D* to rest upon the top of the ledge, the plate *G* resting against the front edge thereof, and the upper end of brace *C*, with its beam *t*, engaging the under face of the said ledge, these positions being assumed when the plate *F* is in the position shown in Fig. 1. The parts may assume the same relative position when plate *F* is in the position shown in full lines in Fig. 3, except that the plate, instead of the upper end of brace *C* and its beam *t*, engages the under face of the said ledge. By bringing the lower end of auxiliary brace *g* into engagement with rack *h* the end *n* of board *D* is caused to clamp the ledge or other fixed object and the said board is in position for operation.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. The combination with an ironing-board, of a top plate secured thereto and provided with a centrally-arranged barrel, a middle or center plate formed with upper spaced barrels, the barrel of said top plate fitting between the upper barrels of the center plate, a pintle passed through the registering bores of said barrels and pivotally securing said

plate together, lower spaced barrels upon said center plate, a base-plate provided with a barrel designed to fit between said lower barrels, a pintle passed through the registering bores of said barrels and pivotally securing said base-plate to the center plate, a brace secured to said base-plate, and means for causing the inner end of said ironing-board and the upper end of said brace to clamp between them a fixed object for supporting the same, substantially as described.

2. The combination with an ironing-board, of a top plate secured thereto, a center plate hinged to said top plate, barrels formed upon the lower face of said center plate, a base-plate having a barrel passed between the said barrels of the center plate, a pintle passed through the registering bores of said barrels, means on said pintle for facilitating its removal, a brace having a flat upper end, and means for securing said base-plate either to one edge of said brace or to the said upper end thereof, substantially as described.

3. The combination with an ironing-board, of a link-hinge secured thereto, a brace secured to the free leaf of said hinge, and a transversely-extending bar or plate secured to the inner face of the link of said hinge, one end of said ironing-board being designed to engage the upper face of a fixed object, and the said brace the lower face thereof, while said transverse plate rests against the edge of said fixed object and prevents lateral swinging of said ironing-board, substantially as described.

In testimony whereof we have hereunto set our signatures in the presence of two subscribing witnesses.

FREDERICK ARTÓS.
MARGRET JACKSON.

Witnesses:

FRANK OSBORNE,
Mrs. A. M. DECONTE.