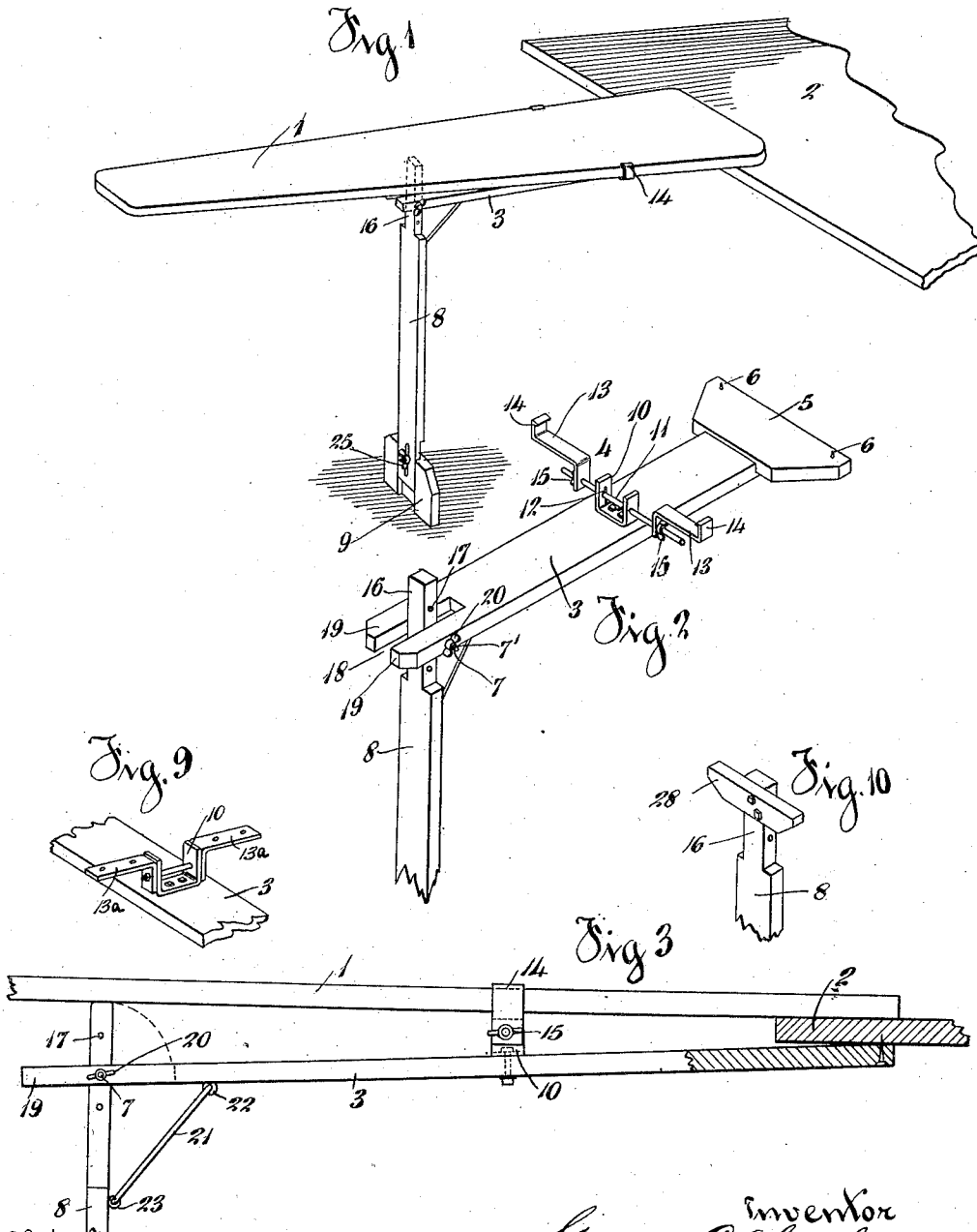


G. C. LACHTROP.
 IRONING BOARD ATTACHMENT.
 APPLICATION FILED JAN. 12, 1911.

1,016,337.

Patented Feb. 6, 1912.

2 SHEETS—SHEET 1.



Witnesses
 Oliver S. Harman
 Minna Dean.

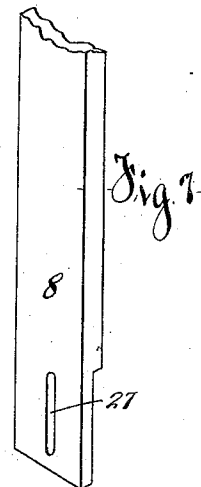
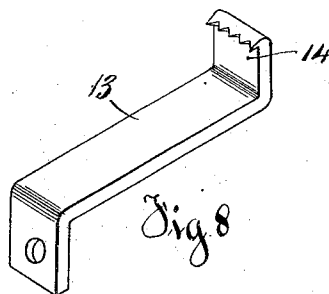
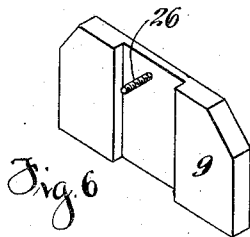
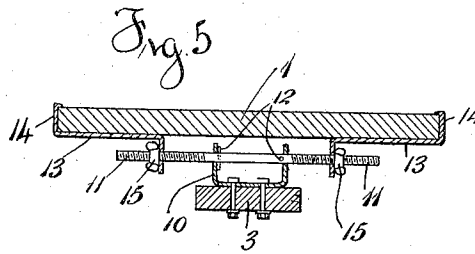
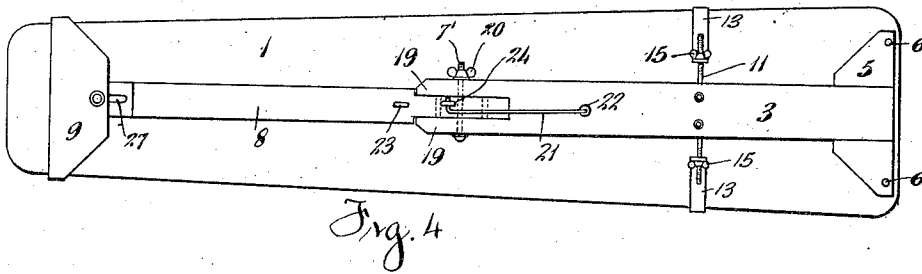
Inventor
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2 SHEETS—SHEET 2.



Witnesses
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UNITED STATES PATENT OFFICE.

GEORGE C. LACHTROP, OF CINCINNATI, OHIO.

IRONING-BOARD ATTACHMENT.

1,016,337.

Specification of Letters Patent.

Patented Feb. 6, 1912.

Application filed January 12, 1911. Serial No. 602,149.

To all whom it may concern:

Be it known that I, GEORGE C. LACHTROP, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Ironing-Board Attachments, of which the following is a specification.

My invention relates to ironing board attachments, and more particularly to adjustable ironing board supports.

In the process of ironing garments such as skirts and the like, it becomes necessary to draw the garment over the end of the ironing board, allowing the part to be ironed to rest upon the top surface thereof, and then moving the garment around the board after the part thereof resting on the top surface has been ironed.

The object of my invention is to provide a neat, inexpensive and simple supporting and clamping attachment for ironing boards, which is adapted to be attached to the board in such a manner as to allow one end of the board to project outwardly from the supporting means.

Another object of my invention is to provide a supporting attachment for ironing boards which may be easily and quickly adjusted and applied to any size ironing board.

In the drawings which serve to illustrate the construction and use of my invention: Figure 1 is a perspective view of an ironing board equipped with my improved supporting attachment, the ironing board being clamped to the top of a table. Fig. 2 is a perspective view of my improved ironing board support and clamping device detached from the board, part being broken away. Fig. 3 is a side elevation illustrating the manner in which the horizontal lever arm of my attachment is used as a clamping device, parts being broken away and in section for the sake of clearness. Fig. 4 is a plan view of my improved device, showing it attached to an ironing board upon the under side of same, the device being shown in folded form, thus illustrating the compactness of the device when the ironing board is not in use. Fig. 5 is an enlarged detail sectional view taken through the fastening mechanism of the horizontal lever and clamping arm. Fig. 6 is a perspective view of the foot attached to the

lower end of the vertical supporting leg. Fig. 7 is a perspective view of the lower end of the vertical leg support showing the slot in the end thereof. Fig. 8 is a perspective view illustrating a modification of one of the claws of the fastening mechanism shown in Fig. 5. Fig. 9 illustrates a modification of the fastening means employed in my invention. Fig. 10 illustrates a modification of the supporting leg employed in my device.

Referring more particularly to the drawings, 1 illustrates an ironing board resting upon a table top or any other suitable support 2. A clamping lever arm 3 is fastened to the ironing board 1 by means of mechanism 4, and is provided with a gripping member or jaw 5, which has suitable teeth or points 6 thereon adapted to enter the under side of the table top or support when under pressure. Pivoted at 7 at the other end of the horizontal clamping lever 3, is a vertical supporting leg 8 provided with an adjustable foot 9 and adapted to support the ironing board near the central portion thereof.

The fastening mechanism 4 comprises a U-shaped member 10 fastened to the horizontal lever 3 which carries a threaded rod 11. Suitable pins 12 are provided in the rod 11 to prevent it from lateral movement in the support 10. Mounted on the rod 11 are grippers or jaws 13 which are provided with the claws 14 at the ends thereof and which are adapted to engage either the sides of the ironing board, or extend over the top edge of same. These jaws 13 may be separated or brought closer together as desired by means of thumb-nuts 15. Thus the jaws are placed against the edges of the ironing board and then drawn together by means of the thumb-nuts being turned upon the threaded rod 11, thereby tightening the jaws 13 upon the ironing board and supporting the horizontal clamping lever 3 upon the ironing board. If desired, the grippers or claws 13 may be made in the form shown in Fig. 8 in which the claws 14 are serrated to more readily enter the edges of the ironing board.

The vertical supporting arm 8 is provided with an extension 16 at the upper end thereof, which is preferably made somewhat narrower than the bottom portion of the leg 8, and is provided with a series of holes 17

therein. This extension 16 is adapted to enter a slot 18 in the end of the horizontal clamping arm 3, thereby making the end of said clamping arm bifurcated and providing it with two prongs or arms 19. Suitable holes are provided in the prongs 19, and are adapted to receive a bolt 7'. The bolt 7' is also adapted to pass through one of the holes 17 in the projection 16 on the vertical leg support 8, thereby forming a pivot for said leg 8. A thumb-nut 20 securely holds the bolt 7', in place and allows it to be readily taken out and inserted through another hole 17 in the projection 16 of the arm 8. The vertical supporting arm 8 is mounted upon the end of the horizontal lever arm 3 in such manner as to allow a portion of the extension 16 thereon to extend above the surface of the horizontal lever and clamping arm 3 for the purpose hereinafter described. When the supporting leg 8 is in vertical position, it may be held there if desired, by means of a hook 21, which is fastened to the under side of the horizontal clamping arm 3 by means of a screw-eye 22, and may hook into another screw-eye 23 provided on the supporting leg 8. Another screw-eye 24 may be provided on the leg 8 for the purpose of allowing the supporting leg 8 to be locked when it is folded against the under surface of the ironing board as best shown in Fig. 4.

The operation of the device is as follows: The device is first clamped to the ironing board by means of the clamping mechanism 4 in the manner which has been described. After the device has been fastened to the ironing board properly, it is readily seen that the horizontal arm 3 will rock upon the threaded bar 11, because the supporting member 10 is securely fastened to the horizontal clamping arm 3, and the rod 11 passes therethrough. Of course the supporting leg 8 is placed along the under side of the ironing board 1, allowing the end of the horizontal clamping arm 3 which is provided with the jaw 5 to be a sufficient distance from the ironing board to allow the edge of a table to enter therebetween. As soon as the edge of the table has been inserted between the ironing board and the end of the horizontal arm 3, the leg support 8 may be drawn downwardly thereby rotating it upon the bolt 7' and forcing its upward extension 16 against the under side of the ironing board 1. It is readily seen that the leg support 8 then acts as a lever, forcing the horizontal clamping arm 3 away from the ironing board at that particular point and forcing it against the under side of the table top at its other end, the points 6 entering the under side of said table top and preventing the ironing board from slipping therefrom.

The attachment is placed upon the ironing

board in the proper position so as to allow the leg support to be adjacent the center thereof when in its vertical position, thereby allowing the end of the ironing board to be free and allowing it to be utilized in many ways where it could not be so used if supported at the extreme end thereof. If the vertical leg 8 happens to be too short and causes the ironing board to tilt it may be lengthened by means of loosening the thumb-nut 25 on the shank, or threaded arm 26 fastened to the shoe 9. The shank 26 enters slot 27 in the lower end of the leg support 8 and is allowed to slide therein by loosening said thumb-nut 25. If the leg 8 does not force the horizontal clamping arm away from the ironing board sufficiently to cause the other end to clamp the table top securely, the bolt 7' may be taken out and inserted through a lower hole 17 in the extension 16 of the leg 8, thereby causing it to more securely clamp the table top between the end of the horizontal arm 3 and the ironing board 1.

The mechanism 4 which is provided for the purpose of fastening the device to the ironing board, may be adjusted to any size board desired, by means of adjusting the thumb-nuts 15 thereon. It is preferably placed upon the board at a point far enough away from the end of the board to allow the gripping member or jaw 5 to coincide with the edge of the ironing board. If desired a shoe 28 may be provided on the extension 16 of the leg 8 as shown in Fig. 10 for the purpose of giving said leg 8 a broader bearing on the under side of the ironing board and thereby steadying the ironing board and producing a more substantial support.

When it is desired to fasten the attachment permanently to the ironing board, the claws 14 may be omitted and holes provided in the jaws 13 as shown in Fig. 9 for the purpose of bolting same to the ironing board. The jaws 13^a may then be drawn up against the U-shaped member 10 and fastened permanently thereto, thereby dispensing with the thumb-nuts 15. It is evident that this would constitute a rigid support and would be a much cheaper device to manufacture.

The simple construction and convenience of my device is readily seen, and it may be placed upon the ironing board to take up but very little more room as shown in Fig. 4, making a compact support for the ironing board.

Many other modifications of my invention may be made without departing from its spirit and scope, and I do not wish to be confined to the exact details shown.

I claim:

1. An ironing board attachment comprising a horizontally disposed clamping lever, adjustable clamping jaws thereon for de-

tachably clamping said lever to an ironing board, and a supporting leg adjustably pivoted to the end of said horizontal lever.

2. An ironing board attachment comprising
5 ing a horizontally disposed clamping lever, adjustable clamping jaws thereon having serrated claws adapted to enter the edges of

an ironing board, and a supporting leg pivoted to said horizontal lever.

GEORGE C. LACHTROP.

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."