Nov. 10, 1953 F. GROSSE 2,658,708

STAND FOR FLATIRONS

Filed March 17, 1950

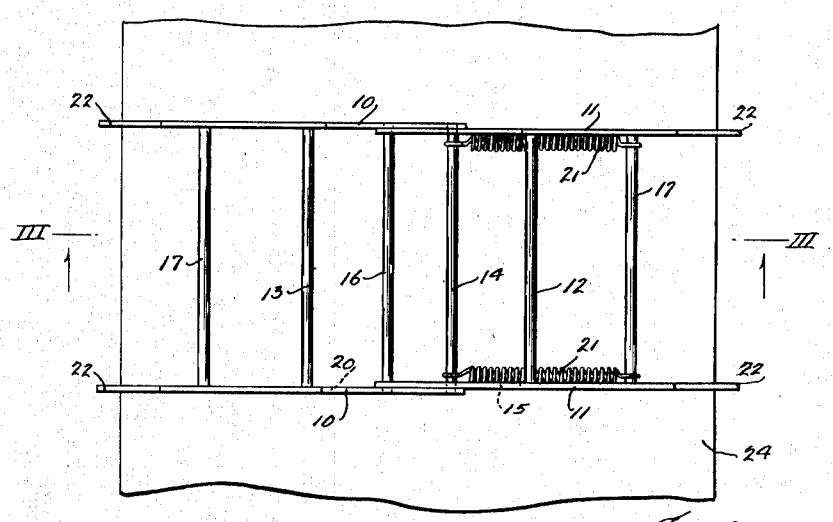


Fig. 1.

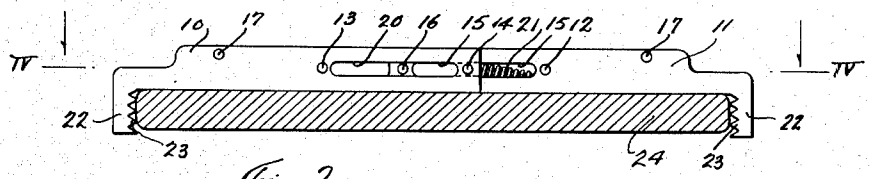


Fig. 2.

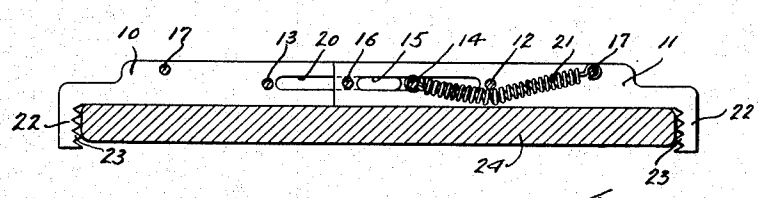


Fig. 3.

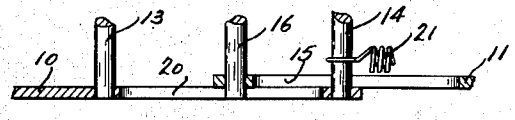


Fig. 4.

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Patented Nov. 10, 1953

2,658,708

UNITED STATES PATENT OFFICE

2,658,708

STAND FOR FLATIRONS

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Application March 17, 1950, Serial No. 150,216

3 Claims. (Cl. 248—117.6)

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My invention relates in general to supports for flatirons, and in particular to that type of support which may be readily clamped to an ironing board.

The principal object of my invention has been to provide a support of this nature which shall maintain the flatiron elevated above the surface of the ironing board thereby providing for ventilation and preventing the cover thereof from becoming scorched.

Another object is to provide a flatiron support formed with guard or stop members to prevent the iron from sliding off the support.

Another object is to provide a device which may be quickly attached to or detached from the ironing board, and one which is adjustable to ironing boards of various widths within a considerable range.

The above objects and advantages have been accomplished by the device shown in the accompanying drawings, of which:

Fig. 1 is a plan view of the device attached to an ironing board;

Fig. 2 is a side elevation of the device;

Fig. 3 is a sectional view taken on line III—III of Fig. 1; and,

Fig. 4 is an enlarged fragmentary sectional view taken on line IV—IV of Fig. 2.

My device comprises a pair of outer side members 10 and a pair of inner side members 11. These side members are arranged in planes parallel to each other, and the ends of the inner members are in overlapped arrangement with the inner ends of the outer side members. A supporting bar 12 extends across the space between the inner side members, and has its ends permanently secured to the side members by any suitable means such as riveting, soldering, or the like. In like manner, the outer side members 10 are connected together by means of a supporting bar 13 which has its ends suitably secured to these members. The inner ends of the members 10 are also secured together by means of a guide bar 14. This guide bar passes through a suitable slot 15 formed in each of the inner side members 11, and has its ends rigidly secured in the side members 10. A guide bar 16 is rigidly carried by the inner ends of the inner side members 11, and has its ends protruding beyond the faces of these side members. This guide bar is disposed within slots 20 formed in the side members 10. By means of the slots 15 and 20 and the guide bars 14 and 16, the two pairs of side members are slidable with each other while being maintained in substantial alignment.

As clearly shown in the drawings, the supporting bars 12 and 13 and the guide bars 14 and 16 are located in substantially the same plane and provide support for the flatiron placed upon the device. So as to prevent the iron from sliding endwise off the device, I provide a stop bar 17 near the outer end of each pair of side members. These bars, as clearly shown in Figs. 2 and 3, are elevated above the plane of the supporting bars, whereby they will engage the flatiron when it is moved endwise upon the supporting members, and thereby act as stops against further movement thereof. Since the supporting bars 12 and 13 and the guide bars 14 and 16 are positioned below the upper edges of the side members, these side members will also act as stops to limit sidewise movement of the flatiron.

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A number of helical springs 21 are provided, each having one of its ends secured to the stop bar 17 of the inner side members 11, the other end of each spring being secured to the guide bar 14 carried by the inner ends of the outer side members 10. The springs are passed under the supporting bar 12 of the inner side members so as not to obstruct the upper supporting surface of this bar. The springs, having their ends attached to the two groups of side members, serve to urge these members toward their nested or normal positions of engagement when the device is in position upon the ironing board 24.

So as to firmly hold the device in position upon the ironing board under the tension of the springs 21, I provide each of the side members with a downwardly extending clamp arm 22, the inner face of each of which is provided with serrations or teeth 23. The teeth of opposite side members face inwardly toward each other and are drawn into engagement with the edge of the board and its cover (not shown) under tension of the springs 21.

From the foregoing, it will be obvious that when my device is put into use, it may be grasped by the two stop bars 17 and extended against the tension of the springs 21, until the clamp arms 22 can be passed over the edges of the ironing board, and the device can be lowered so as to bring the lower edges of the side members into contact with the top surface of the board, whereupon the side members are released and the clamp arms thereof are brought into firm engagement with the side edges of the board, thereby securely holding the device in place.

What I claim is:

1. A support for flatirons comprising a pair of inner side members, a separate pair of outer side members, the outer side members being in overlapping and slidable engagement with the inner

members, the side members being spaced to accommodate a flatiron therebetween in nonsupporting relation, a laterally arranged flatiron supporting bar carried by each pair of side members for supporting a flatiron independently of the side members, said supporting bars being disposed in a plane below the top surface of the side members, the inner adjacent ends of the side members being formed with elongated longitudinal slots, an inner laterally arranged guide bar carried by and connecting the inner ends of the inner side members, the ends of the inner guide bar extending beyond the outer surfaces of the inner side members and slidably engaging the slots formed in the inner ends of the outer side members, an outer laterally arranged guide bar carried by and connecting the inner ends of the outer side members and slidably engaged with the slots of the inner side members, a downwardly extending clamp arm at the outer end of each side member for engagement with the edge of an ironing board, the supporting bars and guide bars being arranged in substantially the same plane to form an open supporting surface for a flatiron, a laterally arranged stop bar rigidly carried by each pair of side members near the outer end thereof and arranged above the plane of the guide bars and supporting bars whereby stops for the flatiron are formed by the stop bars and the upstanding side members, and helical springs, one end of each spring being attached to the guide bar carried by one pair of side members, the other ends of the springs being attached to the stop bar carried by the other pair of side members, whereby the side members are resiliently urged toward each other while in clamping positions.

2. A support for flatirons comprising a pair of inner side members, a separate pair of outer side members, the outer side members being in overlapping and slidable engagement with the inner members, the side members being spaced to accommodate a flatiron therebetween in nonsupporting relation, a laterally arranged flatiron supporting bar carried by each pair of side members for supporting a flatiron independently of the side members, said supporting bars being disposed in a plane below the top surface of the side members, the inner adjacent ends of the side members being formed with elongated longitudinal slots, an inner laterally arranged guide bar carried by and connecting the inner ends of the inner side members, the ends of the inner guide bar extending beyond the outer surfaces of the inner side members and slidably engaging the longitudinal slots of the inner ends of the outer side members, an outer laterally arranged guide bar carried by and connecting the inner ends of the outer side members and slidably engaged with the slots of the inner side members, a downwardly extending clamp arm at the outer end of each side members for engagement with the edge of an ironing board, the supporting bars and guide bars being arranged in substantially the same plane to form an open supporting surface for a flatiron, a laterally arranged stop bar carried by each pair of side members near the outer end of each and arranged above the plane of the guide bars and supporting bars, whereby stops for the flatiron are formed by the stop bars and the upstanding side members, and a helical spring arranged adjacent the inner surface of each inner side members, each spring being disposed beneath the supporting bar carried by the inner side member and having its outer end secured to the stop bar of the inner side members and its inner end attached to the guide bar of the outer side members.

3. A support for flatirons comprising a pair of relatively slidable rack members, one of said rack members comprising a pair of inner side members, the other rack member comprising a pair of outer side members, the outer side members being in overlapping and slidable engagement with the inner side members, both of said side members being spaced to accommodate a flatiron therebetween in non-supporting relation, a laterally arranged flatiron supporting bar carried by each pair of side members for supporting a flatiron independently of the side members, said supporting bars being disposed in a plane below the top surface of the side members, the inner adjacent ends of the side members being formed with elongated longitudinal slots, an inner laterally arranged guide bar carried by and connecting the inner ends of the inner side members, the ends of the inner guide bar extending beyond the outer surface of the inner side members and slidably engaging the slots formed in the inner ends of the outer side members, an outer laterally arranged guide bar carried by and connecting the inner ends of the outer side members and slidably engaged with the slots of the inner side members, a downwardly extending clamp arm at the outer end of each side member for engagement with the edge of an ironing board, the supporting bars and guide bars being arranged in substantially the same plane to form an open supporting surface for a flatiron, a laterally arranged stop bar rigidly carried by each pair of side members near the outer end thereof and arranged above the plane of the guide bars and supporting bars whereby stops for the flatiron are formed by the stop bars and the upstanding side members, and means operatively engaging said rack members for resiliently urging said rack members toward each other.

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