O. KLATTE.

IRONING BOARD.

APPLICATION FILED OCT. 10, 1913.

1,137,332. Patented Apr. 27, 1915.

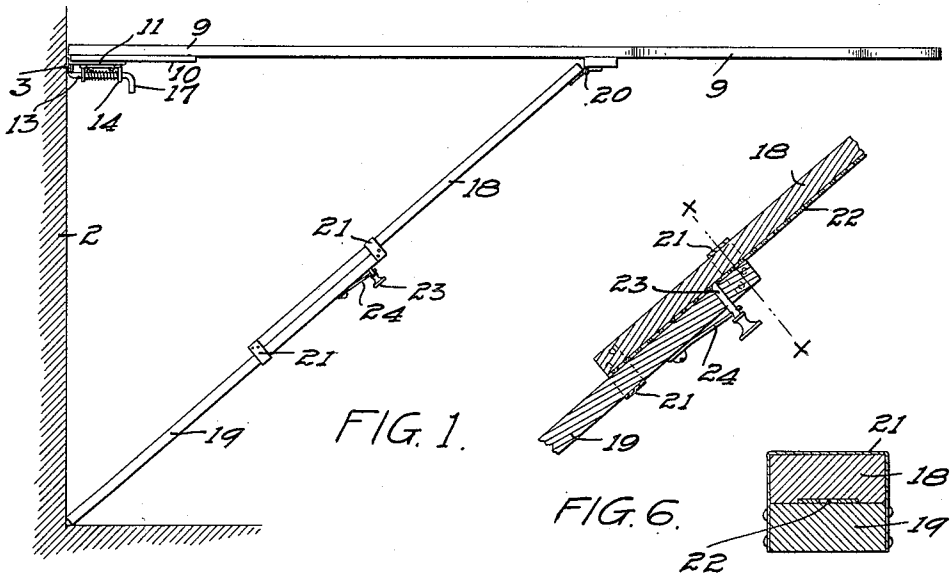


FIG. 1.

FIG. 6.

FIG. 7.

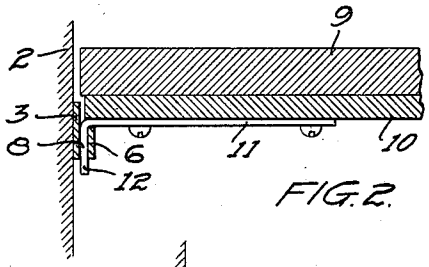


FIG. 2.

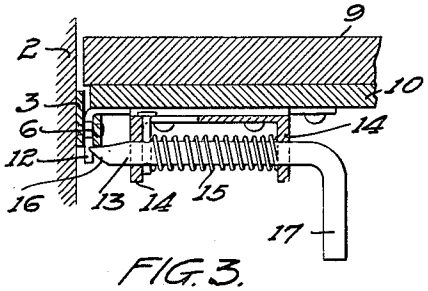


FIG. 3.

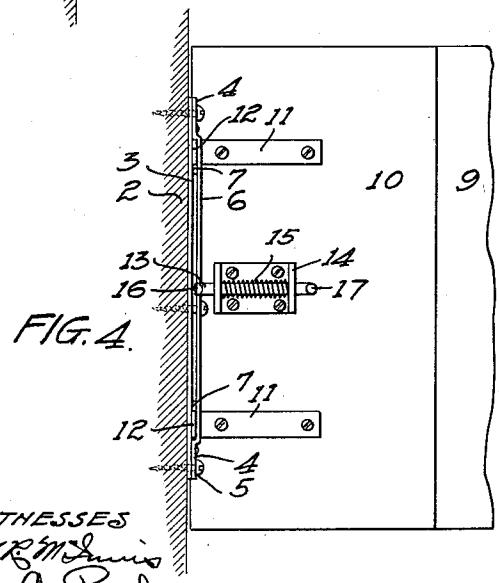


FIG. 4.

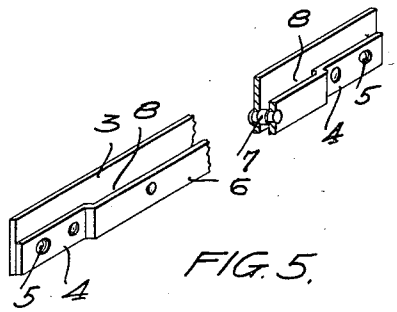


FIG. 5.

WITNESSES

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IRONING-BOARD.

1,137,332. Specification of Letters Patent. Patented Apr. 27, 1915.

Application filed October 10, 1913. Serial No. 794,419.

To all whom it may concern:

Be it known that I, OTTO KLATTE, a citizen of the United States, resident of Minneapolis, Hennepin county, Minnesota, have invented certain new and useful Improvements in Ironing-Boards, of which the following is a specification.

The object of my invention is to provide an ironing board which can be easily and quickly set up and made ready for use and will provide a firm, substantial surface for the clothes to be ironed.

A further object is to provide an ironing board which can be easily and quickly taken down when the ironing is completed.

The invention consists generally in various constructions and combinations, all as hereinafter described and particularly pointed out in the claims.

In the accompanying drawings forming part of this specification, Figure 1 is a side elevation of an ironing board embodying my invention, Fig. 2 is a detail sectional view, showing the manner of mounting the board on the wall; Fig. 3 is a detail sectional view, showing the device for locking the board in its set up position, Fig. 4 is a bottom view of one end of the board, Fig. 5 is a perspective view of the means for securing the board to a wall or other upright support, Fig. 6 is a detail sectional view of the adjustable leg for supporting the board in a horizontal position, Fig. 7 is a transverse sectional view on the line x—x of Fig. 6.

In the drawing, 2 represents a wall or other upright support on which it is desired to mount an ironing board.

3 is a plate adapted to fit against the wall and 4 a bar fitting against said plate and having holes 5 therein through which screws may be inserted to pass through holes in the plate into the supporting wall. The bar 4 has an offset 6 in its middle portion secured at intervals to the plate 3 by spacing rivets 7, and between these rivets and the ends of the bar 4 recesses or sockets 8 are formed.

9 represents an ironing board of the usual size, preferably provided at one end with a strengthening plate 10 and straps 11 are secured to the board through the plate 10 and are provided with downwardly turned ends 12. These ends are flush substantially with the end of the board and when the board is seated on the offset 6 the ends 12 will slip down into the recesses or sockets 8 and hold the board securely in place while the bar 6 will form a firm, substantial support during the ironing operation.

For the purpose of holding the board against accidental separation from its support, I provide a locking device consisting of a bolt 13 slidable in guides 14 on the underside of the board and normally held in a projected position by means of a spring 15 that is preferably mounted on the bolt between the guides. The outer end of the bolt is beveled, as shown at 16, and when the board is being set up this beveled end will contact with the upper edge of the bar 4 and be pushed inwardly thereby against the tension of the spring 15 and when the ends 12 have entered the sockets 8, and are seated therein, the bolt will slip in under the bar 6 and securely hold the board against premature, vertical movement or disengagement from the supporting bar. A finger grip or handle 17 is preferably provided on the bolt by means of which it may be readily retracted to release the supports for the board and allow it to be taken down.

The supporting leg for the board is preferably made in two sections, 18 and 19, the section 18 being hinged at 20 to the bottom of the board. The adjacent ends of the leg sections lap by one another and are provided with guides 21 and the section 18 has a series of recesses 22 formed therein adapted to receive a pin 23 mounted in the section 19 and held in engagement with the said recess by a suitable spring 24. This pin has a beveled end and is adapted to slide freely over the recesses 22 when it is desired to separate the leg sections, but the square edge of the pin will engage the walls of the recesses and lock the leg sections to hold them in their separated position. This device is in effect a ratchet, allowing one leg section to slide freely upon the other in one direction, but locking it against such sliding movement in the other direction. The lower end of the section 19 is designed to bear against the upright wall on which the board is mounted, and obviously when the board is set up, the desired horizontal position can be easily and quickly obtained by moving the leg section 19 downwardly until it bears firmly in the angle between the floor and the upright support.

In various ways the details of construction herein described may be modified and still be within the scope of my invention.

I claim as my invention:—

1. The combination, with a bar having sockets therein, of a board having hooks to enter said sockets, guides mounted on the underside of said board, a bolt slidable in said guides and provided with a suitable handle, a spring carried by said bolt and normally holding it in a projected position, the forward end of said bolt engaging the edge of said bar when in its locking position and securing the end of said board against said bar, with the hooks of said board in the sockets of said bar and a supporting leg for said board.

2. The combination, with a bar having vertical sockets therein, of an ironing board having an end to rest upon said bar and provided on its underside with a pair of straps having downwardly turned ends adapted to enter said sockets when said board is seated on said bar, a spring-pressed bolt slidably mounted on the underside of said board between said straps and having an end portion arranged to slide under the lower edge of said bar and lock the end of said board against its seat on the upper edge of said bar and a supporting leg for said board.

In witness whereof, I have hereunto set my hand this 6th day of October 1913.

OTTO KLATTE.

Witnesses:

EDWARD A. PAUL,

GENEVIEVE E. SORENSEN.

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