

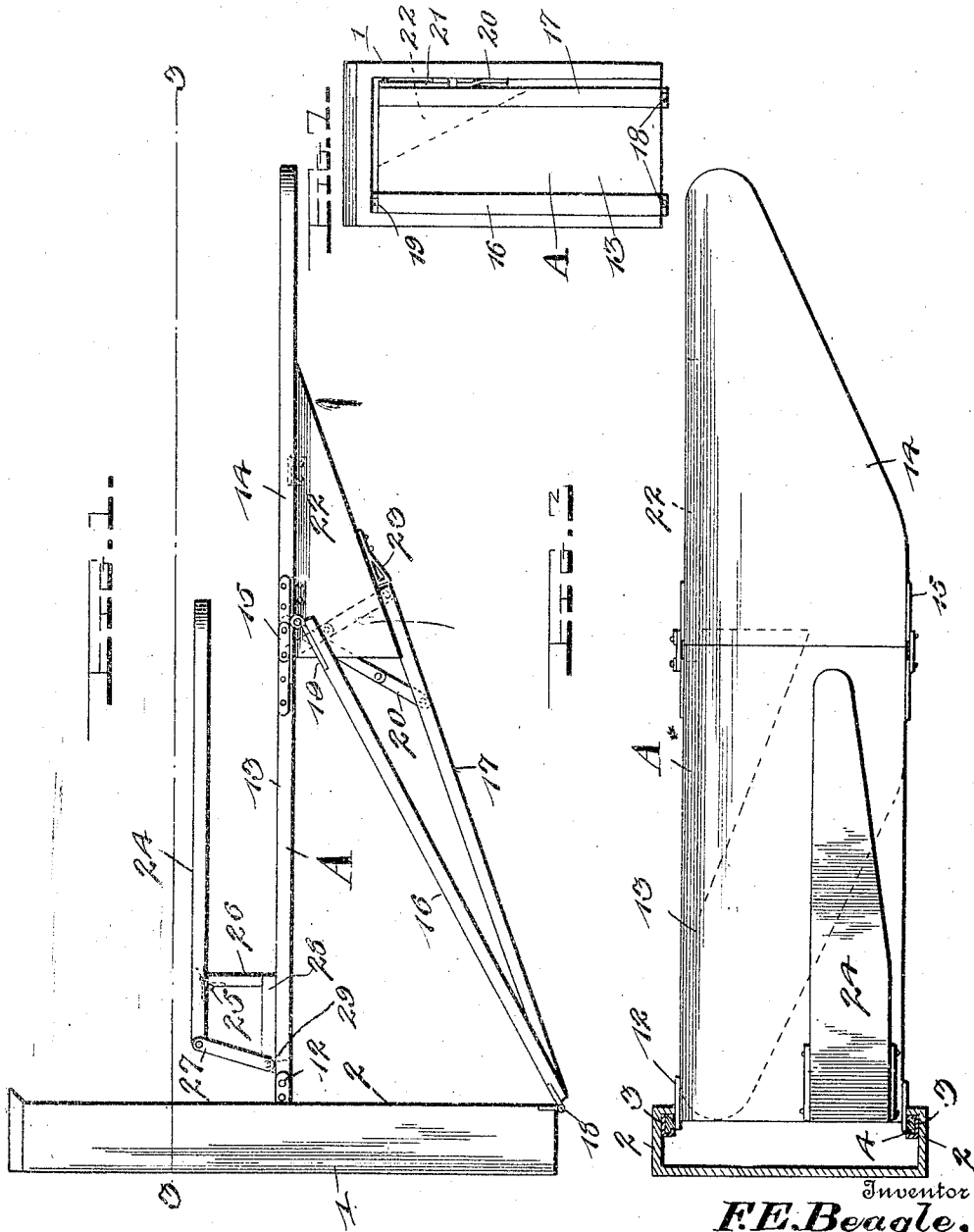
F. E. BEAGLE.
IRONING CABINET.

APPLICATION FILED MAR. 16, 1912.

1,054,816.

Patented Mar. 4, 1913.

2 SHEETS—SHEET 1.



Inventor
F. E. Beagle,

Witnesses

Chas. L. Griesbauer. 384
A. B. Norton.

Watson E. Colman.
Attorney

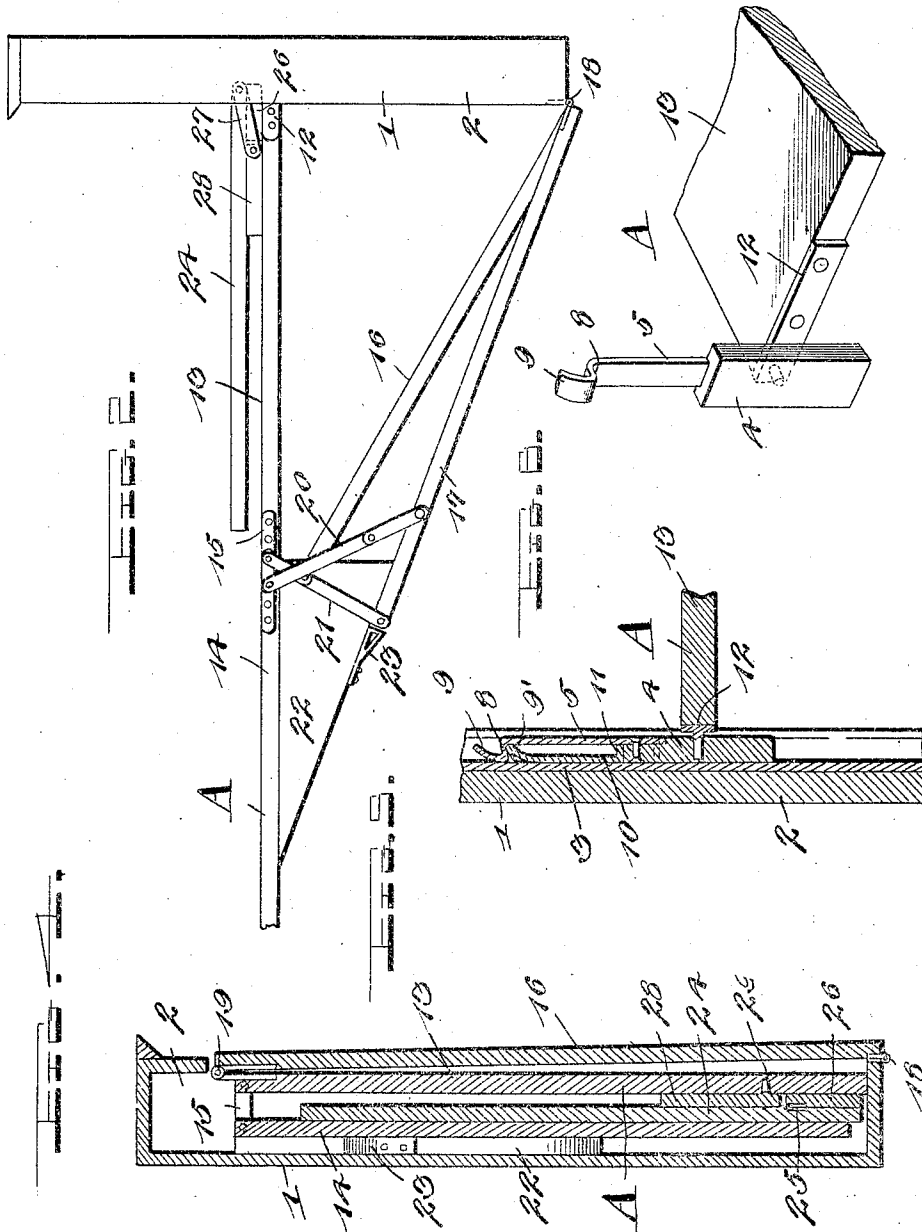
F. E. BEAGLE.
IRONING CABINET.

APPLICATION FILED MAR. 16, 1912.

1,054,816.

Patented Mar. 4, 1913.

2 SHEETS-SHEET 2.



Witnesses

Chas. L. Griestauer. 334
A. B. Norton.

Inventor
F. E. Beagle,

Watson & Coleman
Attorney

UNITED STATES PATENT OFFICE.

FLORENCE E. BEAGLE, OF VOGEL CENTER, MICHIGAN.

IRONING-CABINET.

1,054,816.

Specification of Letters Patent.

Patented Mar. 4, 1913.

Application filed March 16, 1912. Serial No. 684,347.

To all whom it may concern:

Be it known that I, FLORENCE E. BEAGLE, a citizen of the United States, residing at Vogel Center, in the county of Missaukee and State of Michigan, have invented certain new and useful Improvements in Ironing-Cabinets, of which the following is a specification, reference being had to the accompanying drawings.

This invention comprehends certain new and useful improvements in ironing boards of the foldable type, and the invention has for its primary object an improved construction of board of this character which may be folded up into a case or cabinet secured in suspended position to a wall or other support so as to be entirely out of the way when not required for use.

The invention also has for its object a simple, durable and efficient construction of board of this character which will possess the characteristics of neatness and pleasing appearance, which will be handy, easy to manipulate, strong and not liable to get out of order and capable of being cheaply manufactured and the parts readily assembled. And the invention also aims to generally improve this class of devices and to render them more useful and commercially desirable.

With these and other objects in view, as will more fully appear as the description proceeds, the invention consists in certain constructions, arrangements and combinations of the parts that I shall hereinafter fully describe and claim.

For a full understanding of the invention, reference is to be had to the following description and accompanying drawings in which—

Figure 1 is a side elevation of an ironing board or cabinet constructed in accordance with my invention. Fig. 2 is a similar view looking at the opposite side of the device and with the sleeve board in folded condition. Fig. 3 is a sectional top plan view, the section being taken on the line 3—3, of Fig. 1. Fig. 4 is a vertical transverse sectional view of the device with parts folded into the case or cabinet. Fig. 5 is a detail sectional view through a portion of the case. Fig. 6 is a detail perspective view of a portion of the board. Fig. 7 is a front view of the cabinet with the parts in closed position.

Corresponding and like parts are referred to in the following description and design-

nated in the accompanying drawings by like reference characters.

Referring to the drawings, the numeral 1 designates a case or cabinet which may be secured, in suspended or elevated position, to the side of a wall or other support and which embodies two vertically disposed sides, a top and preferably a back and bottom, the front of the cabinet comprising one section 13 of the main board of the device when the parts are in their closed position as best illustrated in Fig. 7, and the side braces 16 and 17 which are connected to the main board.

To the inner walls of the vertical sides 2 of the cabinet 1, vertically extending channeled strips 3 of metal are secured by screws or similar fastening devices, and in these channeled vertically disposed bars 3, slides 4 are adapted to move, each of said slides being secured to the lower end of a spring latch bar 5 which is formed with a shoulder 8 and a finger piece 9 above said shoulder, the shoulder being designed to catch upon a keeper which is formed by the angularly disposed end 9' of a strip 10 secured in any desired way within the channel of the bar 3. The lower extremity of each strip 10 is turned outwardly to form a stop 11 adapted for engagement by one end of the adjoining slide 4, whereby to limit the movement of said slide in an upward direction. Straps 12 are pivotally connected to the slides 4, said straps being secured to the side edges of the inner section 13 of the main board of the device which is designated A as a whole, said board also including an outer section designated 14 and secured to the inner section 13 by double jointed links 15, whereby the outer section may be turned upwardly and inwardly over the inner section with a space between the two to accommodate the ironing pad.

16 and 17 designate, respectively, brace bars or struts, each of which is hingedly connected at its lower end to the bottom of the cabinet at the front thereof, as indicated at 18. The strut 16 is connected at its outer or upper end by a hinge 19 to the inner section 13 of the board A, while the outer or upper end of the complementary strut 17 is hingedly connected by jointed links 20 and 21 to the outer section 14 of the board and inner section 13 thereof, near the joint between the said two sections. The brace link 20 is designed to assist in bracing and sup-

porting the outer section 14 of the board A, while the jointed link brace 21 holds the inner section 13 firm relatively to the brace or strut 17.

5 In order to assist in holding the outer section 14 firm by bracing it out toward its relatively free extremity, I provide a laterally swinging wedge-shaped brace 22 which is hinged to the lower face of the
10 outer section 14 of the board and which is adapted to abut against the inner sides of the link braces 20 and 21 and which is provided with a foot piece 23 which is adapted to bear against the upper and outer extremity of the strut 17 so as to firmly hold the
15 outer section 14 of the board in its operative relation to the inner section 13.

From as much of the description as has preceded, in connection with the correlated
20 views of the accompanying drawings, it will be understood that in the normal operative and extended position of the parts, the slides 4 will have been slipped upwardly in their channelled bars 3 until the shoulders 8 of the latches 5 engage with the keepers 9' of the strips 10, whereupon the inner section
25 13 of the board will be held securely locked in its operative horizontal position, the struts 16 and 17 being swung outwardly. The outer section 14 of the board is then swung outwardly to the position illustrated in Fig. 1, the links 20 and 21 are straightened at the joints and the wedge-shaped brace 22 is swung down into its vertical
30 operative position with its foot piece 23 abutting against the upper and outer extremity of the brace or strut 17. In order to fold the parts, a reverse movement is all that is necessary, as is evident, it being noted
40 that when the parts are folded in relation to each other and swung up into the cabinet 1, the struts 16 and 17 and the intervening intersection 13 of the board A, will constitute a closure or front for the cabinet, all of the
45 parts being entirely out of the way when not required for use.

In connection with the parts hereinbefore described I may use a sleeve board 24 the same being hingedly connected as at 25 to a
50 transversely extending wooden strip 26 which is adapted to rest freely upon a base 28 that is pivotally connected to the sleeve board 24 by links 27. The base 28 is pivotally mounted on the main board to turn thereon about a relatively vertical axis 29, as indicated in Fig. 1. When this board is not required for use and the parts of the main board are in their operative positions, it is only necessary to turn the board 24 to
55 one side on its pivot 29. When the parts are folded, the sleeve board 24 is swung rearwardly to the position illustrated in Fig. 2. It will be noted that all of the point or taper of the main board A is along one edge
60 of the outer section 14 thereof. Conse-

quently, the entire width of the inner section 13 may be utilized for the folding thereon of the sleeve board 24 and its component parts, the outer section 14 of the main board A and the wedge-shaped brace 22.

Further description of the operation of the device is deemed unnecessary, as the operation of the different parts has been described coincident with their details of construction and relative arrangement.

While the accompanying drawings illustrate what I believe to be the preferred embodiment of my invention, it is to be understood that the invention is not limited thereto, but that various changes may be made in the construction, arrangement and proportions of the parts without departing from the scope of the invention, as defined in the appended claims.

What I claim is:—

1. In a device of the character described, a board constructed in inner and outer sections hingedly connected together, a support with which the inner section is movably connected to move to a vertical or horizontal position relative thereto, struts operatively connected to the inner section and adapted to hold the same in a relatively horizontal position and a brace connected to the outer section of the board and provided with a foot piece designed for engagement with the outer extremity of one of said struts, for the purpose specified.

2. In a device of the character described, a board constructed in inner and outer sections hingedly connected together, a support with which the inner section is movably connected to move to a vertical or horizontal position relative thereto, struts operatively connected to the inner section and adapted to hold the same in a relatively horizontal position, and a laterally swinging brace connected to the outer section of the board to fold thereon, said brace being provided with a foot piece designed for engagement with the outer extremity of one of said struts, for the purpose specified.

3. A device of the character described, including a board constructed in inner and outer sections hingedly connected together, a support for the inner end of the inner section, a strut hingedly connected to said support at its lower end and hingedly connected to the inner section of the board at its other end, another strut hingedly connected to the said support at its lower end and having a jointed connection at its other end with the outer section of the board, and a brace connected to the outer section of the board and designed for engagement with said strut to assist in supporting the outer section of the board in longitudinal alinement with the inner section thereof.

4. In a device of the character described, a board constructed in inner and outer sec-

tions hingedly connected together, struts operatively connected to the inner section and adapted to hold the same in a relatively horizontal position, and a wedge-shaped brace connected to the outer section of the board and provided with a foot piece designed for engagement with the outer extremity of one of said struts, for the purpose specified.

5 5. A device of the character described, including a board constructed in inner and outer sections adapted to fold one upon the other, a support with which the inner section is movably connected to move to a vertical or horizontal position relative thereto, a strut hingedly connected to the support and to the inner section of the board, another strut hingedly connected to the support, jointed links connecting said last
10 20 named strut to both inner and outer sections of the board, respectively, and a wedge-shaped brace connected to the outer section

of the board and provided with a foot piece adapted to abut against the outer extremity of the last named strut.

25 6. A device of the character described, including a cabinet provided with vertically disposed guide bars, slides movable in said guide bars and provided with spring latches, strips secured in the guide bars and formed at their upper ends with keepers designed for engagement with said latches to hold the slides in elevated position, said strips being provided at the lower ends with outwardly projecting stops against which the slides are adapted to abut, and a board hingedly connected to said slides and arranged to fold within the cabinet.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

FLORENCE E. BEAGLE.

Witnesses:

FRANK HOCKWATER,
MARTIN VE BOS.