

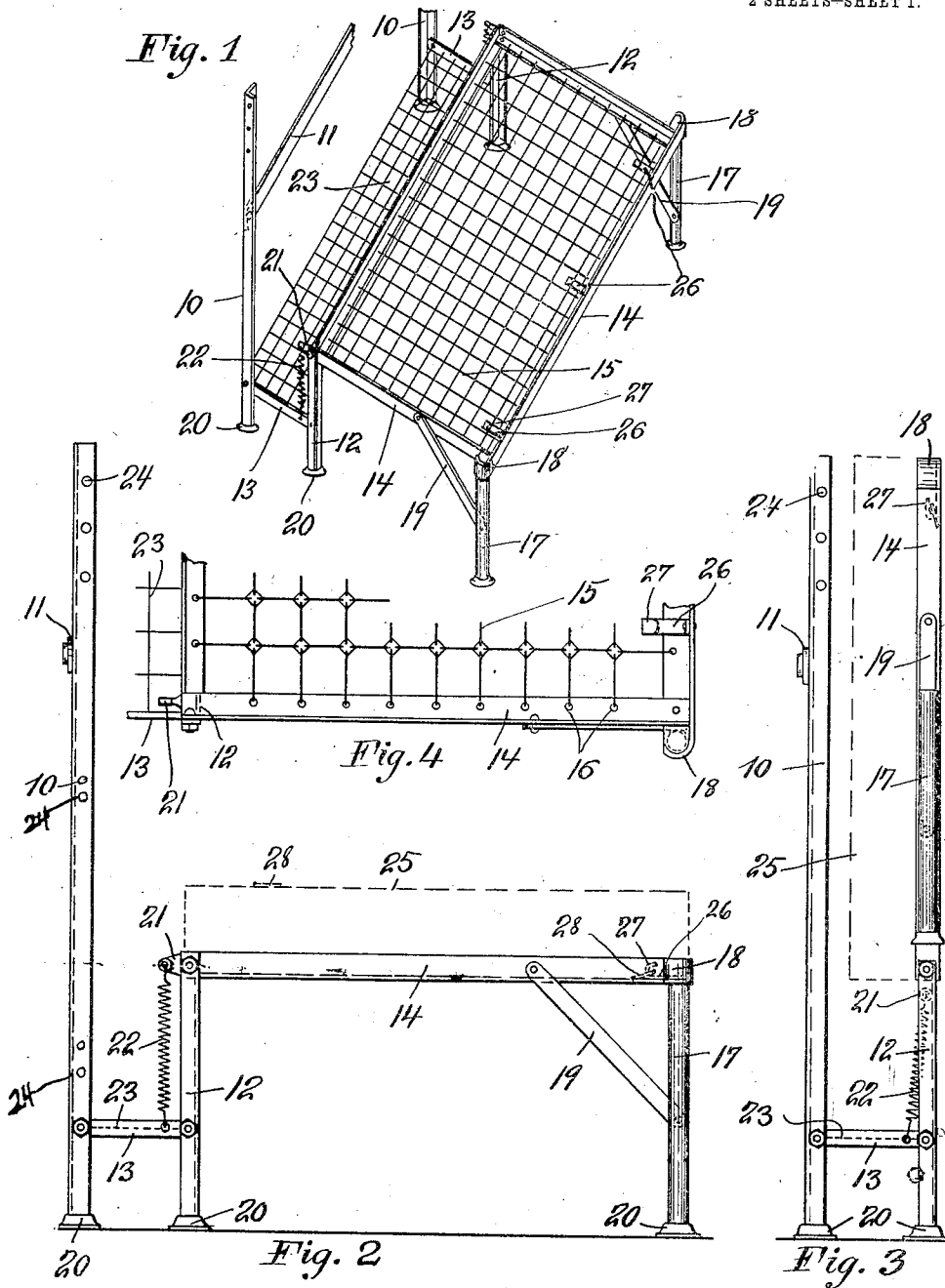
H. BRANDT.  
FOLDING BED.

APPLICATION FILED SEPT. 10, 1909.

1,042,075.

Patented Oct. 22, 1912.

2 SHEETS—SHEET 1.



Witnesses  
Agnes L. O'Connell  
Frank Eufemia

H. Brandt, Inventor  
By her Attorney Wm. J. McGrath

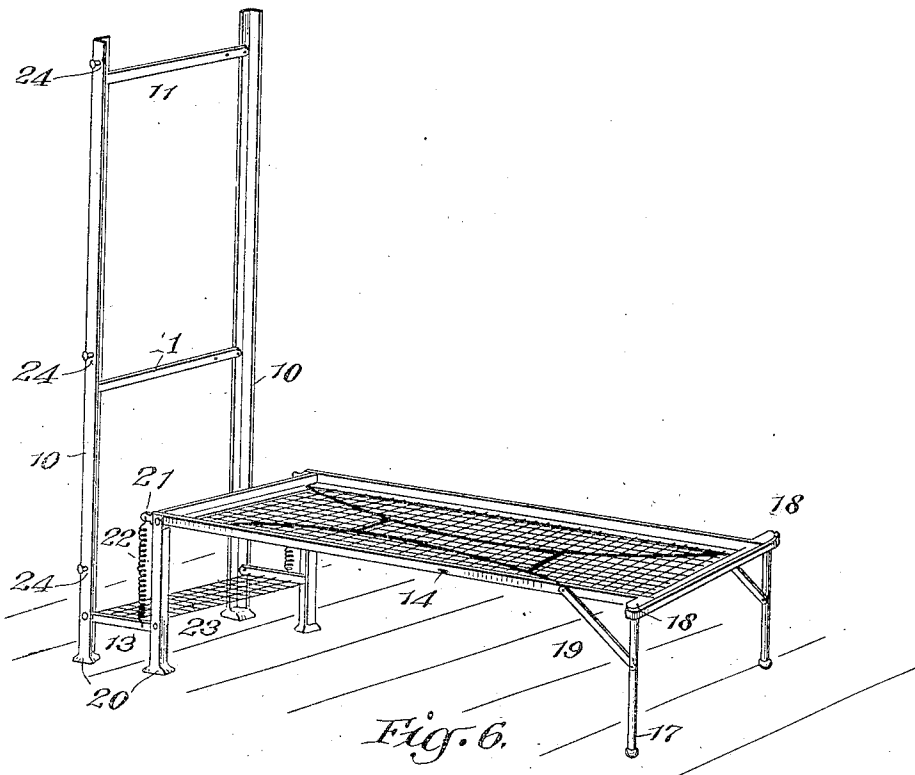
H. BRANDT.  
FOLDING BED.  
APPLICATION FILED SEPT. 10, 1909.

1,042,075.

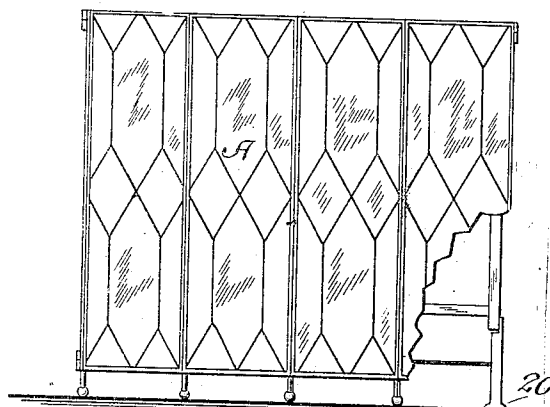
Patented Oct. 22, 1912.

2 SHEETS—SHEET 2.

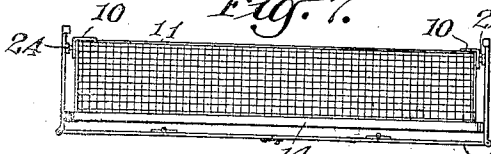
*Fig. 5.*



*Fig. 6.*



*Fig. 7.*



WITNESSES  
*J. Richards*  
*L. C. O'Connell*

INVENTOR  
*H. Brandt*  
BY *Wm. J. McGrath*  
ATTORNEY

# UNITED STATES PATENT OFFICE.

HENRIETTE BRANDT, OF NEW BRIGHTON, NEW YORK.

## FOLDING BED.

1,042,075.

Specification of Letters Patent.

Patented Oct. 22, 1912.

Application filed September 10, 1909. Serial No. 517,008.

*To all whom it may concern:*

Be it known that I, HENRIETTE BRANDT, a citizen of the United States, residing at New Brighton, Staten Island, New York, have invented certain new and useful Improvements in Folding Beds, of which the following is a specification.

One of the objects of my invention is to produce a folding bed which will be simple and inexpensive in construction, that may be easily manipulated in opening and closing, and that may be readily cleaned or fumigated and may be readily taken apart.

Other objects will appear from the hereinafter description.

My invention will be fully set forth and will be readily understood from the following description taken in connection with the accompanying drawings which form part of this specification.

Referring to the said drawings, in which the same reference character indicates the same part in the several views, Figure 1 is a perspective view of the bed in its open position; Fig. 2 is an end view of the bed level in its open position; Fig. 3 is an end view of the bed raised in its closed position; Fig. 4 is a plain and detailed view of certain parts of the bed. Fig. 5 is a perspective view of the bed pivoted at the sides; Fig. 6 is a front view of the bed covered by the door screen partly broken away; Fig. 7 is a plan view of Fig. 6.

The part marked 10 on the drawing represents uprights or posts, which are connected together by the brace 11.

12 are the two inner legs of the bed, which are connected to the post 10 by the brace or strap 13. Pivoted to the legs 12, and preferably near the top thereof, is the frame 14, to which the spring bottom 15 is connected. The posts, legs and frames are preferably made of angle iron. The horizontal web of the angle iron of the said frame is provided with a series of openings, 16, through which project the wires of the spring bottom and by which the said bottom is held and fastened to the spring, it being understood, of course, that the ends of these wires are turned over into hooks after or before being inserted in said openings or holes.

17 are the front legs of the bed, the upper end of which rest in the spring bottom 14 to support the frame when the bed is in the lowered position. In the construction here assumed the said legs rest under a projec-

tion 18 at each end of the front of the bed, said projections being a continuation of the angle bar forming the front side of the spring frame. 19 is a diagonal brace, one end of which is pivoted to each of the said legs 17 and the other to each end of the frame 14.

The lower end of the post 10 and each of the legs 12 and 17 are provided with enlarged heavy feet, 20, to hold the bed steady on the floor.

To assist in closing the bed, I provide, preferably on the rear of the frame 14, lugs 21, and secure to each of said lugs one end of a coil spring 22, the other end of the coil spring being secured to the brace 13 or to some other convenient place.

I may secure between the braces 13 a shelf 23, on which may be stored bed-clothes or other material. At the upper end of the post 10 I provide holes 24, into which the end of a rod carrying a curtain may be inserted, so that when the bed is in its raised position the curtain will hide the bed. These holes may be also used to secure hinges connected to a folding door or screen, shown by Figs. 6 and 7, so that when the bed is in its raised position the door wired or screen can be closed to completely hide the bed.

The dotted lines 25 represent a mattress, which is placed inside the vertical web of the angle iron frame 14 and is secured to said frame by strips or ties, so that the said mattress will not fall out of the frame when the said bed is in its raised or closed position. But I prefer to secure to the upper edge of the angle iron frame a series of flat plates 26, having the inner end turned up to form hooks 27, to which rings 28 shown in dotted lines secured on the under side of the mattress is hooked. Of course, there are other rings on the upper side of the mattress, which can be used in the same way when the mattress is turned over.

In closing the bed the tension of the spring 22 will assist in this operation and as the legs 17 are not rigidly secured to the frame of the bed, but are pivoted to the ends thereof by the brace 19 when the frame is raised in its vertical position, the legs will stand in the vertical position alongside the outer ends of the frame 14 as shown in Fig. 3 of the drawing. To lower the bed, the frame can be taken hold of and pulled down against the tension of the spring 22 and the legs 17 swung out and inserted under the

front end of the frame, as shown in Fig. 2. The different parts of the bed, such as the brace 11, legs 12, brace 13, frame 14, and even the braces 19, may be connected together by bolts and nuts or by hooks or otherwise, so that the separate parts can be taken apart or knocked down for shipment, cleaning, or otherwise.

Of course, it is to be understood that I am not limited to the exact construction shown; as modifications can be made without departing from the spirit of my invention; and it is to be understood that while I have shown the frame 14 as pivoted at the ends, it may also be pivoted at the sides, as shown by Fig. 5, so as to take up less horizontal wall space than when arranged as shown by Fig. 1 of the drawing.

I do not claim in the application with the elements of a bed a support for the wire fabric including longitudinal and cross lines of tape dividing the fabric into three spans. Neither do I claim hooks screwed to the side of the bed frame for supporting the mattress through rings screwed within the area of the mattress as claims directed to these features are reserved for my application filed September 18, 1912, Serial No. 721,105.

Having now described my invention, what I claim as new and desire to secure by Letters Patent is—

1. In a bed, posts or uprights, rear legs, braces connecting said rear legs to said posts, a frame pivoted at the upper end of said rear legs, a spring bottom secured to said frame, front legs disconnected from said frame and brace pivoted to said front legs and to the frame, a spring connected to the rear of the frame at one end and to the brace at the other end.

2. In a bed, two uprights or posts, a brace connecting said uprights, two rear legs, a brace connecting each of said rear legs and said uprights, a frame consisting of an angle iron, the bottom web of the angle irons having openings therein, a spring bottom,

the wires of said spring bottom projecting through said openings, two front legs adapted to rest against the under side of the frame, two bars each of which is pivoted to one of the front legs, and the other to one end of the frame.

3. In a bed, two uprights or posts, a brace connecting said uprights, two rear legs, a brace connecting each of said rear legs and said uprights, a frame consisting of an angle iron, the bottom web of the angle irons having openings therein, a spring bottom, the wires of said spring bottom projecting through said openings, two front legs adapted to rest against the under side of the frame, two bars, each of which is pivoted to one of the front legs, and the other to one end of the frame, each of the posts and legs provided with enlarged feet.

4. In a bed, two uprights or posts, each of said uprights having holes or openings near the upper end thereof, a brace connecting each of said uprights, two rear legs, a brace connecting each of said rear legs and said posts, a shelf extending between said braces, a frame consisting of angle iron pivoted to the upper ends of said legs, the horizontal webs of the angle irons being provided with openings, two springs, one end of each being connected to the frame and the other end to a standing up of the bed, a wire bottom secured to the frame by wires projecting through the openings in the frame, lugs or projections extending from the frame at the front thereof, front legs, the upper ends freely resting under said lugs and braces pivoted to said front legs and to each end of the frame.

In testimony whereof, I have hereunto set my hand, at the city, county and State of New York, this 9th day of September, 1909.

HENRIETTE BRANDT.

In presence of—

AGNES C. O'CONNELL,  
ISABEL R. RICHARDS.