

Sept. 10, 1935.

R. B. FRANCIS

2,013,882

BED ATTACHMENT

Filed July 14, 1933

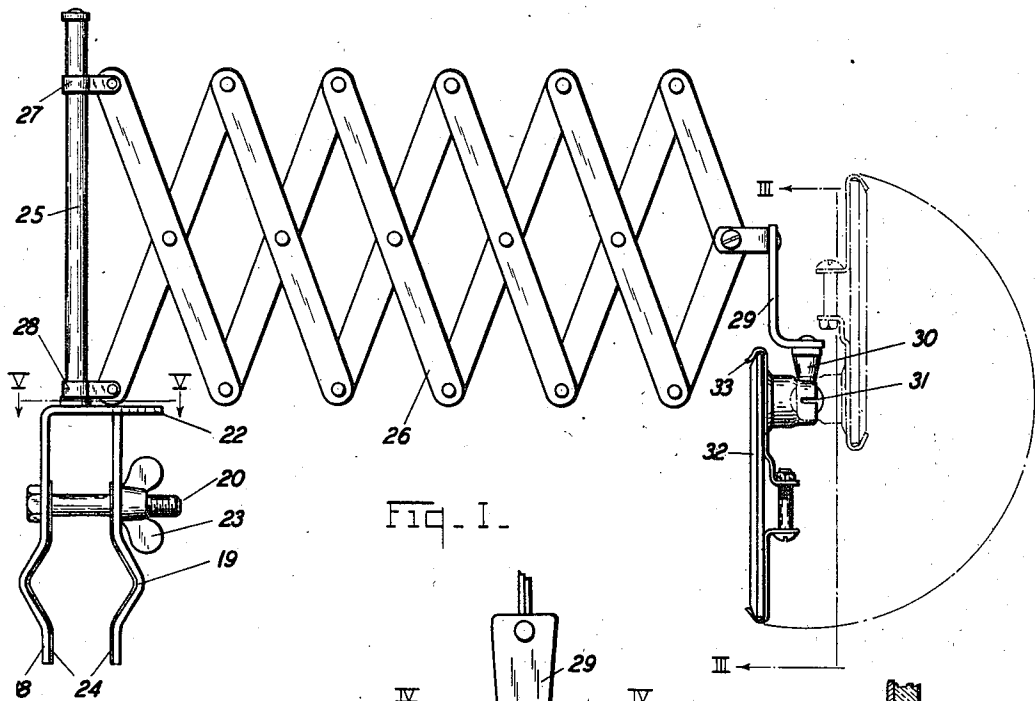


Fig. I.

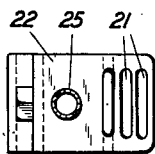


Fig. V.

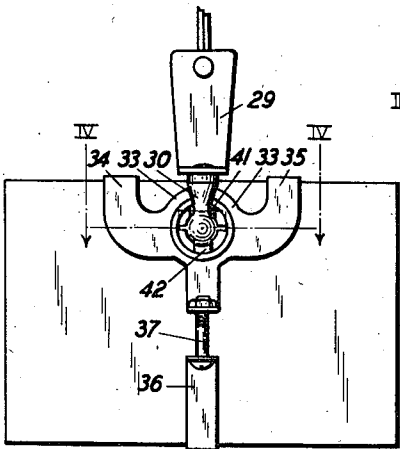


Fig. III.

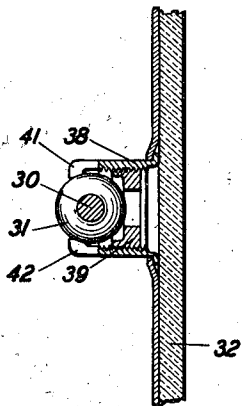


Fig. IV.

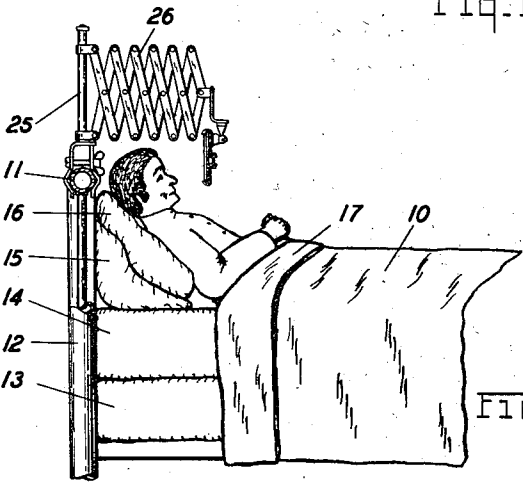


Fig. II.

INVENTOR.

Robert B. Francis

UNITED STATES PATENT OFFICE

2,013,882

BED ATTACHMENT

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Application July 14, 1933, Serial No. 680,449

1 Claim. (Cl. 248—277)

This invention relates to bed attachments, and the invention relates more particularly to an attachment particularly designed for supporting a mirror for shaving and the like in close proximity to a bed.

My invention relates to an improved mirror attachment of the above type that can be easily applied to iron or wooden beds in hospitals or other places, whereby the mirror supported thereby can be swung into a position contiguous to the bed, within reach of a patient in said bed and with a view to obviating the necessity of having attendants hold a mirror in desired position when patient is shaving or performing other necessary functions.

Another object of this invention is the provision of a bed attachment of the kind described where the mirror can be revolved into an upright position, after it has been used, and the entire unit folded or collapsed together to occupy the minimum space necessary, and then the entire unit revolved back in line and directly over the top rail of the bed.

With the foregoing objects and numerous features of novelty and advantages over previous forms, including durability and efficiency in use, economy of manufacture, and other objects which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed may be made within the scope of what is claimed without departing from the spirit of the invention.

In the drawing in which like numerals represent like parts: Fig. 1 is a side elevational view of the improved attachment. Fig. 2 is a side elevational view of the improved attachment and showing a bed in fragmentary elevation to which the invention is applied. Fig. 3 is a fragmentary end view looking in the direction of the arrows on line 3—3 of Fig. 1. Fig. 4 is a fragmentary sectional view taken substantially on line 4—4 of Fig. 3. Fig. 5 is a fragmentary sectional view taken substantially on line 5—5 of Fig. 1.

In the accompanying drawing, I have illustrated a hospital bed, or sick bed 10, provided with the usual top rail 11, to which is attached or provided my attachment. The bed 10 has the usual side posts 12, springs 13, mattress 14, pillows 15 and 16 and bed clothing 17, placed thereon in the usual manner.

The attachment is secured to the bed by a clamp having jaws 18 and 19, which are loosely connected by a bolt 20. In order to adjust the clamp to different size bed rails; the upper end of the jaw 18 is provided with an angular extension 22 having a series of slots 21, into any one of which the upper end of jaw 19 may be positioned. Provision is made for final adjustment by use of wing-nut 23. Both clamp members 18 and member 19 are lined with felt or other soft non-abrasive material 24 to prevent defacing surface of bed rail 11. The horizontal extension 22 has a vertical post 25 secured to same by any convenient means. To the post 25 is connected lazy-tong elements 26 by means of collars 27 and 28 which are slidable and rotatable on the post 25, said collars being attached to the inner links of said lazy-tongs. At the outer extremity of the lazy-tongs 26 is attached a depending member 29 which supports a ball pin 30, ball 31, mirror 32 and mirror bracket attachment 33. The mirror bracket 33 consists of a dual top clamping member 34 and 35, a single bottom clamping member 36, the upper and lower members being clamped together by means of bolt 37. To the upper 20 clamping member is fastened a socket 38, which encloses the ball 31 and adjusting plug 39. Socket 38 has two vertical slots or openings 41 and 42, so provided that opening 41 receives the ball pin 30 when the mirror is in normal position; and opening 42 receives the ball pin 30 as the mirror is raised to position as shown dotted in Fig. 1.

From the foregoing description, taken in connection with the drawing, it will be observed that my improved bed attachment can be readily applied to a bed. The mirror supported by the extensible lazy-tongs bracket may be brought to a point considerably distant from the bed and can be swivelled or turned in a vertical plane to any desired position above or in front of the invalid in the bed desiring to use it. When the attachment is out of use, the bracket may be folded closed and with the mirror positioned in an elevated position, the entire unit can be rotated in a horizontal plane to a position above the bed rail to which it is attached. The numerous advantages of my improved attachment will be apparent to those having used the same, and while I have herein illustrated the preferable manner of construction of the attachment it is obvious that such changes in the minor details of constructions as are permissible by the appended claim may be resorted to without departing from the spirit and scope of the invention.

What I claim is:

A supporting bracket of the class described, comprising a substantially U shaped adjustable clamp, a vertical post having one end rigidly fixed to the bight of said clamp, a plurality of rotatable collar members mounted on said post, and lazy-tongs for supporting a toilet accessory attached to said collars and adapted to swing about relative to said post.

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