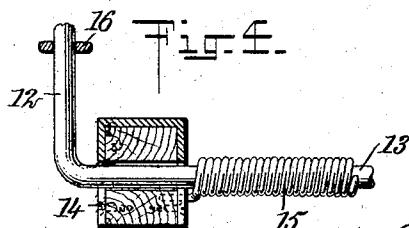
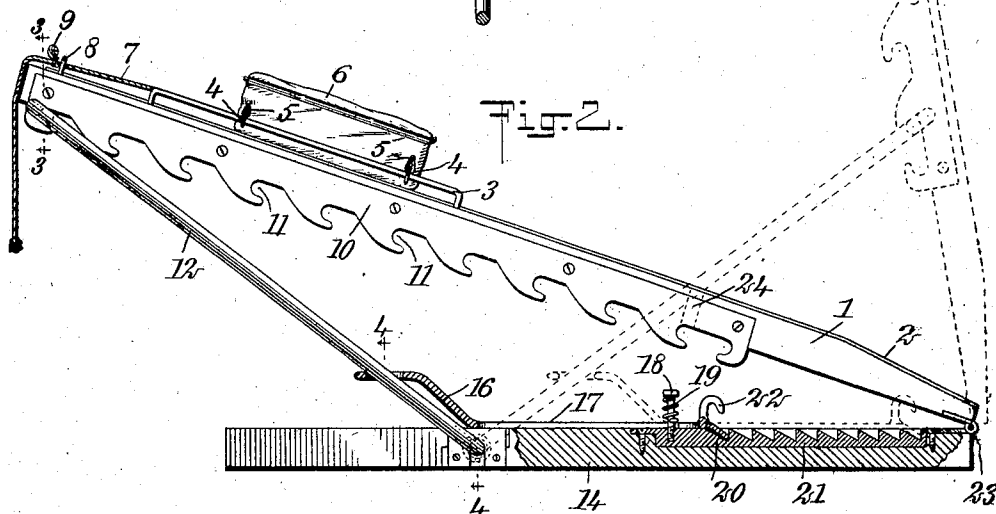
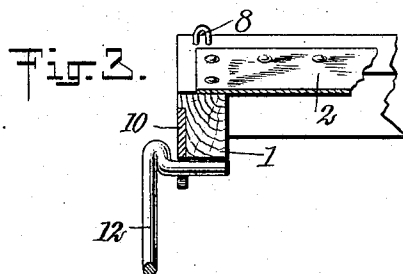
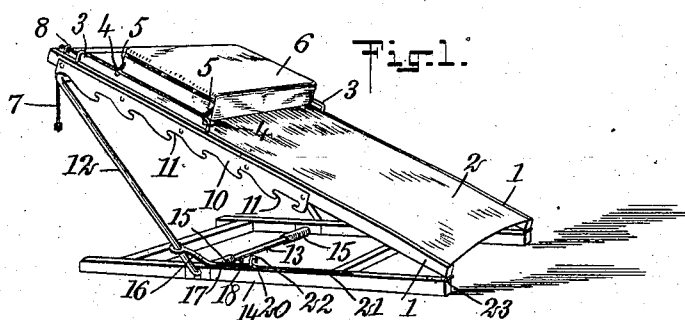


No. 858,908.

PATENTED JULY 2, 1907.

G. F. RAUCH.
INVALID REST.
APPLICATION FILED APR. 25, 1907.



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GEORGE F. RAUCH, OF MEDFORD, WISCONSIN.

INVALID-REST.

No. 858,908.

Specification of Letters Patent.

Patented July 2, 1907.

Application filed April 25, 1907. Serial No. 370,213.

To all whom it may concern:

Be it known that I, GEORGE F. RAUCH, a citizen of the United States, and a resident of Medford, in the county of Taylor and State of Wisconsin, have invented a new and Improved Invalid-Rest, of which the following is a full, clear, and exact description.

This invention is designed to provide a rest suitable for invalids' use, simple in construction, effective in operation and adapted to be readily adjusted by the user in various positions, and to be conveniently folded together when not in use.

Other objects relating to the specific construction and special arrangement of the several parts of the device will be understood from the accompanying drawings and following description, in which drawings like characters of reference indicate like parts throughout the views, and in which

Figure 1 is a perspective view of a device embodying my invention; Fig. 2 is a side elevation, partly broken away, of the same; Fig. 3 is a transverse section taken on the line 3—3 of Fig. 2; and Fig. 4 is a transverse section taken on the line 4—4 of Fig. 2.

As illustrated in the drawings, the main frame is composed of side bars 1 having a yielding apron 2. Guide-ways 3 are attached to the opposite side bars 1 adapted to engage links 4 having a sliding engagement therewith, and connected with hooks 5 attached to the opposite sides of a pillow 6. Cords 7 are attached at their inner ends to the pillow 6, and extend through loops 8 secured to one end of the main frame. The cords 7 may be tied into knots 9 so as to adjust the pillow on the main frame in the desired position. The hooks 5 may be readily detached from the rings and enable the pillow to be reversed when desired. The side bars of the main frame are provided with racks 10 having recesses 11 adapted to receive the free end of supporting arms 12 which preferably form part of a yoke, the central portion 13 forming a cross bar which is journaled in the side bars 14 of the bed frame.

Springs 15 are attached to the cross bar 13 and also to the side bars 14 of the base frame, adapted to raise and support the free ends of the arms 12. The arms 12 engage the off-set end of a guard 16, the guard being provided with a slot 17 which engages a bolt 18 extending through said slot and provided with a spring 19 adapted to hold the bent forward end 20 of said guard in engagement with the teeth of a ratchet bar 21 which is secured to the side bar of the bed frame, and preferably embedded in a recess formed in the side bar, so that the upper surface of said rack will not extend above the upper surface of the side bar. The guard 16 is provided on its forward end with a handle 22 by means of which the forward end of the guard may be raised so as to release the end 20 of said guard from engagement with the rack and leave the main frame free to be raised or lowered as desired. The

base frame 14 is attached to the main frame by means of hinges 23, and one of the side bars of the main frame may be provided with a recess 24 adapted to receive the bolt 18 when the main frame and base frame are closed together. The head of said bolt may be turned when the frames are in such position, thereby locking the frames together.

When the device is in use, it is applied to a bed so as to conveniently support the body and head of the user. The inclination of the main frame may be varied by releasing the pawl 20 of the guard 16 from engagement with the rack 21. When the guard is so released the springs 15 attached to the cross bar 13 and sides of the base frame normally tend to raise the free end of the arms 12 and draw them forward, placing the main frame in the position indicated by dotted lines in Fig. 2. After the main frame has been adjusted to the desired inclination, the pawl 20 of the guard 16 is placed in engagement with the appropriate notch of the rack 21, where it is held in place by means of the spring 19 on the bolt 18. The body and head of the user may then be comfortably supported on the flexible apron 2 and the pillow 6 of the main frame. The pillow may be adjusted longitudinally of the main frame so as to be in convenient relation to the user when sitting or lying, by forming a knot 9 in the cord 7 which holds the pillow in the desired position, and the pillow may also be reversed when desired, by means of its detachable connection with the rings of the side bars 3, thereby adding to the comfort of the user.

The parts are so constructed that the user may readily operate the device and adjust the inclination of the main frame from a lying to a sitting position, and permit at all times a free circulation of air under the user and also permit ice pans or hot water bags to be readily applied under the apron of the main frame without disturbing a patient, and particularly without interfering with the pillow.

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

1. An invalid rest comprising a main frame having a flexible apron, a base frame hinged to the main frame, supporting arms rotatably mounted on said base frame, springs connected with said arms and the base frame, a guard connected with the base frame and one of said arms, and means attached to the main frame adapted to adjustably engage the upper ends of said arms.

2. In an invalid rest, the combination with a main frame, of a base frame hinged to the main frame, arms rotatably mounted in the base frame and adapted to support the free end of the main frame, a rack mounted on the base frame, a guard engaging one of said arms adapted to slide longitudinally of the base frame, and provided with an off-set pawl, and a spring adapted to hold said pawl in engagement with said rack.

3. In an invalid rest, the combination with a main frame, of racks secured to the sides of the main frame, guide bars secured to the main frame, a pillow adjustable longitudinally on said guide bars, a base frame hinged to the main frame, and arms rotatably mounted on the base

frame adapted to be adjustably connected with the racks of the main frame.

4. In an invalid rest, the combination with a main frame, of a rack attached to the main frame, guide bars
5 attached to the main frame, a pillow detachably connected with said guide bars, means for adjusting the pillow longitudinally of the main frame, a base frame hinged to the main frame, arms rotatably mounted on the base frame, springs connected with said arms and base frame, a guard
10 connected with one of said arms and adapted to be adjustably connected to the base frame, and means for holding said arms in their adjusted position.

5. An invalid rest comprising a main frame having a flexible apron, a base frame hinged to the main frame and

provided with a rack, supporting arms rotatably mounted 15
on said base frame, springs connected with said arms and the base frame, means attached to the main frame adapted to engage the upper ends of said arms, a guard connected to the base frame and one of said arms, and provided on one end with a pawl, and a spring adapted to 20
hold said pawl in engagement with said rack.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

GEORGE F. RAUCH.

Witnesses:

JUL. STIMM,

HOWARD JUL. STIMM.