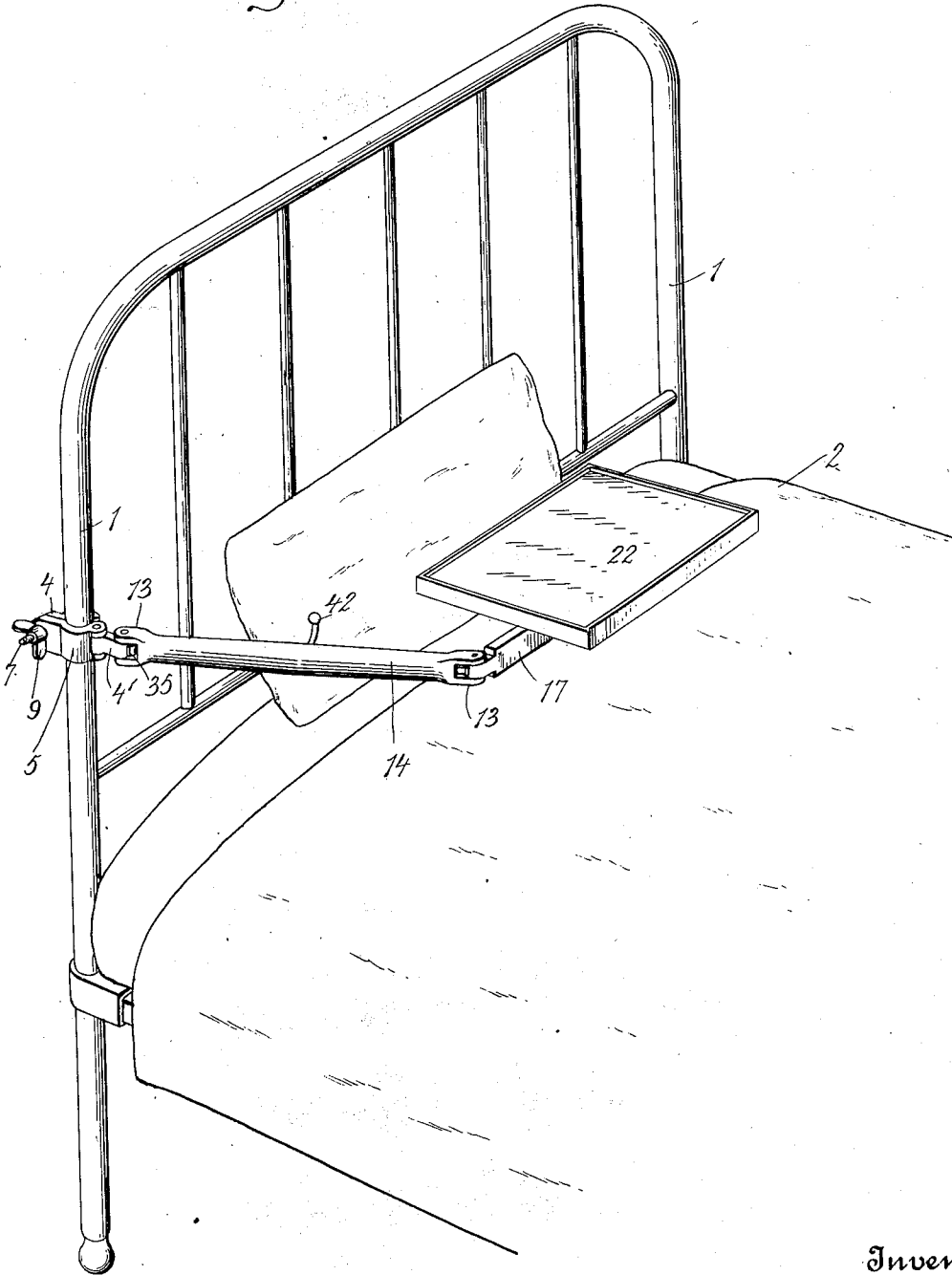


N. STUHLAK.
INVALID TABLE.
APPLICATION FILED APR. 17, 1919.

Patented Oct. 14, 1919.
2 SHEETS—SHEET 1.

1,318,703.

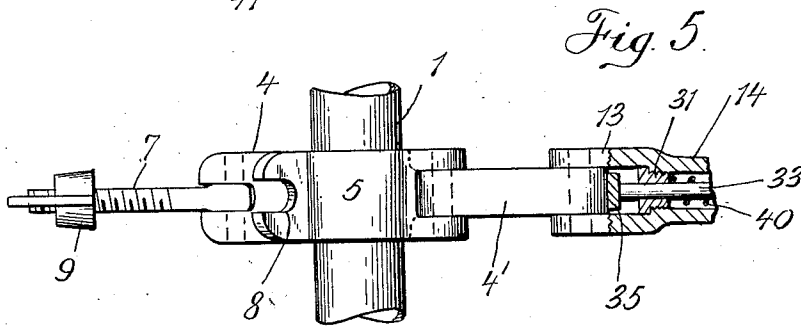
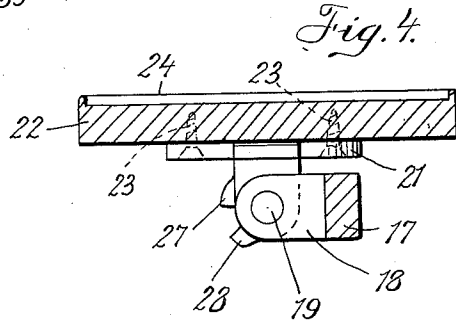
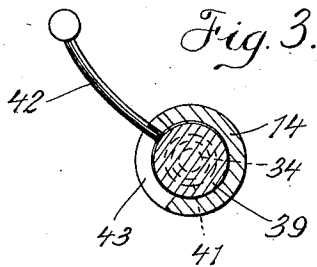
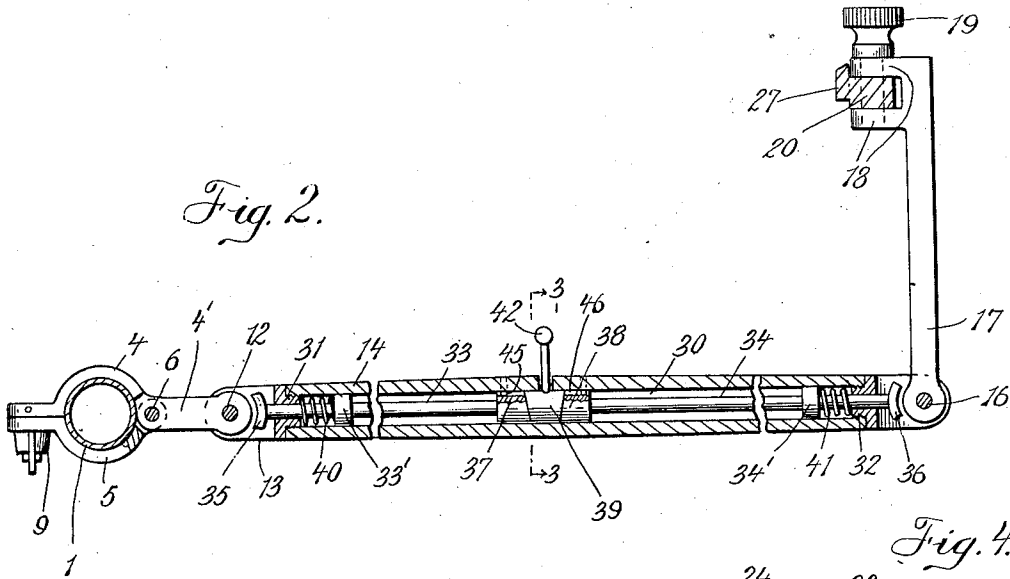
Fig. 1.



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1,818,703.

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 2 SHEETS—SHEET 2.



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UNITED STATES PATENT OFFICE.

NICHOLAS STUHLAK, OF CHICAGO, ILLINOIS.

INVALID-TABLE.

1,318,703.

Specification of Letters Patent.

Patented Oct. 14, 1919.

Application filed April 17, 1919. Serial No. 290,704.

To all whom it may concern:

Be it known that I, NICHOLAS STUHLAK, a citizen of Poland, residing at Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Invalid-Tables, of which the following is a specification.

This invention relates to an invalid's table adapted to be mounted upon a hospital cot, or other bed, and it has for a general object to provide a novel and efficient device of this kind which may be readily placed in different adjustments according as it is to be used.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

Figure 1 of the drawings is a perspective view of the head portion of a bed having my improved device applied thereto.

Fig. 2 is a horizontal sectional view of the device.

Fig. 3 is a transverse section on the line 3-3 of Fig. 2.

Fig. 4 is a detail sectional view showing the mounting of the table member.

Fig. 5 is a fragmentary elevation, partly broken away, of the bed post engaging part of the device.

In the drawings 1 indicates the usual head frame of a bed and 2, the usual bed clothing.

My improved device is adapted to be clamped upon one of the usual side members of the frame at a point a suitable distance above the level of the bed and to this end a clamping collar composed of two halves, 4 and 5 hinged to one another at 6, is secured to the side post by the hinged bolt 7 which is hinged to the collar member 4, and swings into a slot 8 in the collar member 5 and has a wing nut 9 threaded thereon which is secured against the collar member 5 to clamp the collar in position.

The collar member 4 has an integral extension 4' to the end of which is pivotally connected as at 12, the bifurcated end 13 of a link 14 whose opposite end is also bifurcated and has pivotally connected thereto as at 16 one end of an arm 17 whose opposite end has a pair of transversely projecting ears 18 adapted to clamp between them by a screw 19, a lug 20 projecting downwardly

from a suitable plate 21 upon which is mounted the table member 22 which may be secured on the plate 21 in any suitable manner as by the screws 23. This table may be provided with an upstanding peripheral flange 24 to retain articles placed on the table.

The lug 20 may have a projection 27 formed thereon and adapted to cooperate with a projection 28 on one of the ears 18 to provide a means whereby the table may be supported in an inclined position.

In order that the table may be held in any desired position, I show a means whereby the extension 4', link 14 and arm 17 may be locked together to constitute a rigid structure.

As here shown the link 14 is longitudinally perforated as at 30, the ends of this perforation having bushings 31 and 32 screwed therein. A pair of rods 33 and 34 are slidably mounted in the perforation 30 and extend at their outer ends through suitable openings in the bushings 31 and 32 into close proximity to the ends of the extension 4' and arm 17, being provided on their outer end with friction shoes 35 and 36.

The inner ends of these rods 33 and 34 extend to points near the longitudinal center of the rod, and are provided with cam heads 37 and 38 which are engaged by a double faced rotary cam 39 located therebetween. Springs 40 and 41, which bear between the bushings 31, 32, and collars 33' and 34' on the rods 33 and 34, serve to press the cam heads 37 and 38 into yielding contact with the cam 39 and to withdraw the shoes 35 and 36 from engagement with the extension 4' and arm 17. The cam 39 may be rotated by a handle 42 projecting through a segmental slot 43 in the link. Rotation of the rods may be prevented by pins 45 carried by the link 14 and projecting into suitable grooves 46 in the cam heads 37 and 38.

It is believed the manner of use of my improved invalid's table and the advantages thereof will be apparent from the foregoing description, it being obvious that the pivotal connection between the opposite ends of the link 14 and the extension 4' and arm 17 permit the table 22 to be swung to a position in front of the occupant of the bed, or to one side and out of the way, or to any convenient position that may be desired, and that by pressing down the handle 42 to

rotate cam 39 the shoes 35, 36 will be pressed outwardly against the parts 4' and 17 and so serve to hold the table rigidly in position.

5 The table may also be used as a rest for a book or the like by loosening the screw 19 and tilting the table until the stop 27 rests on the stop 28, the flange 24 serving as a support for the book. The locking means
10 here described is particularly advantageous for this use of the table as it prevents the pressure of the hand on the book from swinging the table away.

15 What I claim and desire to protect by Letters Patent of the United States is as follows—

1. An invalid's table comprising a clamp adapted to be secured to the post of a bed, a longitudinally perforated link pivoted at
20 one end to said clamp, an arm pivoted to the other end of the link, a table tiltably supported by said arm, and devices carried

within the link adapted to be moved longitudinally of the link into engagement with said clamp and arm to lock these members
25 to the link and springs normally holding said members in their unlocked position.

2. An invalid's table comprising a clamp adapted to be secured to the post of a bed, a longitudinally perforated link pivoted at
30 one end to said clamp, an arm pivoted to the other end of the link, a table carried by said arm, a pair of rods located in the perforations in the link and having their outer ends in proximity to the said clamp and
35 arm, cam heads upon the inner ends of said rods, a double faced cam between said cam heads, a handle for rotating said cam, and springs normally urging said cam heads
40 against said cam.

In testimony whereof I have affixed my signature.

NICHOLAS STUHLAK.