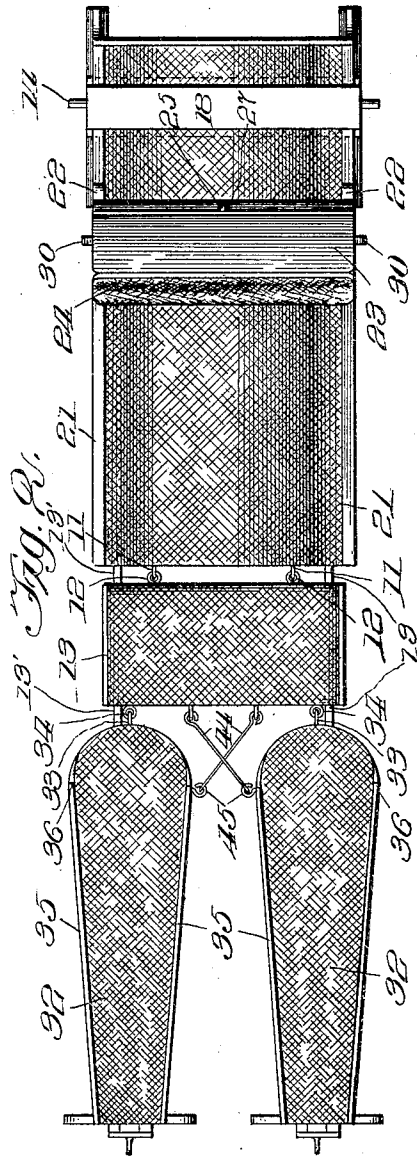
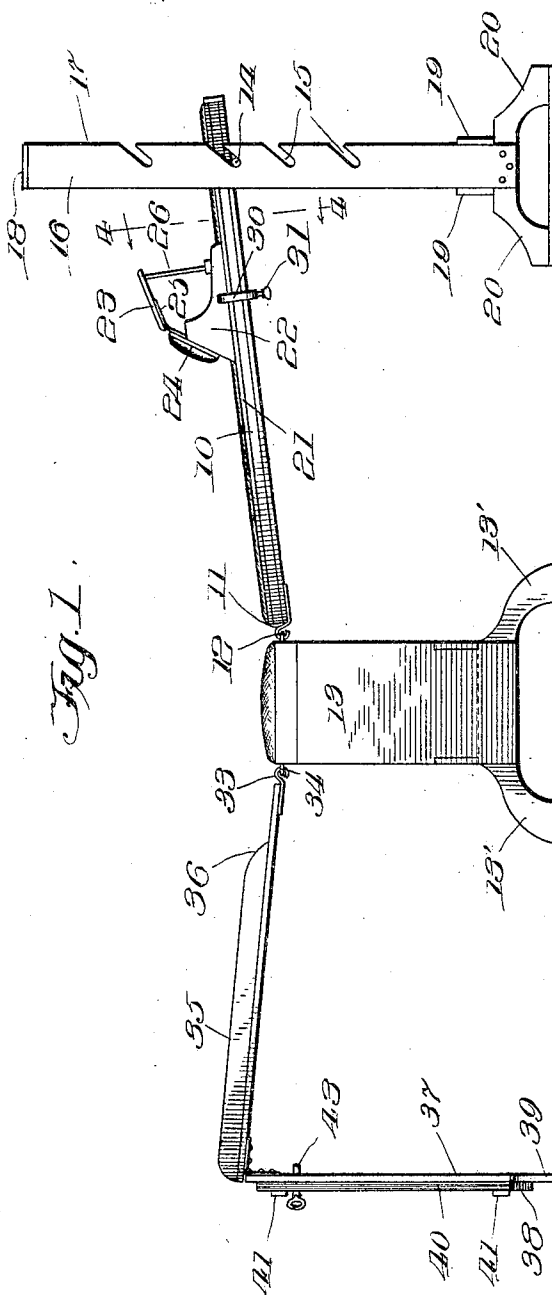


A. P. BARLOW.
OPERATING TABLE.
APPLICATION FILED AUG. 19, 1904.

2 SHEETS—SHEET 1.

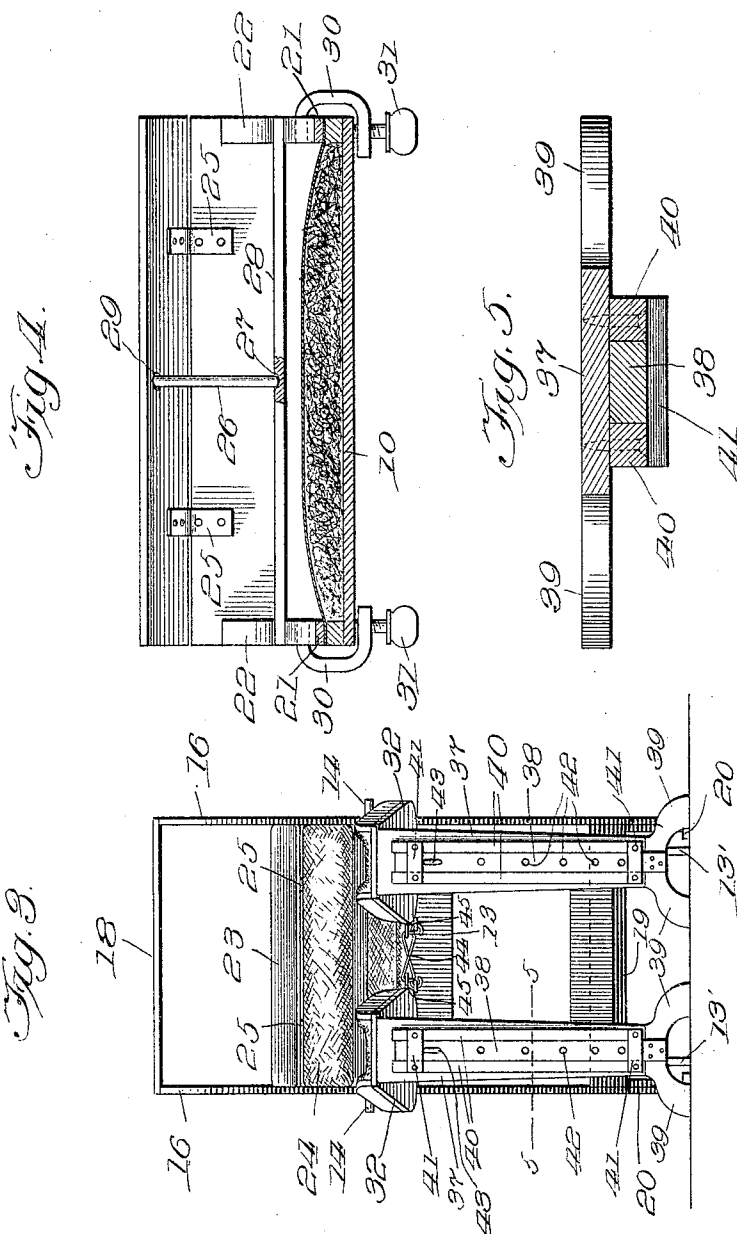


Witnesses:
H. S. Gaiter
Mary Kiddie

Inventor:
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2 SHEETS—SHEET 2.



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UNITED STATES PATENT OFFICE.

ASHBEL P. BARLOW, OF ST. JOSEPH, MICHIGAN.

OPERATING-TABLE.

No. 799,702.

Specification of Letters Patent.

Patented Sept. 19, 1905.

Application filed August 19, 1904. Serial No. 221,428.

To all whom it may concern:

Be it known that I, ASHBEL P. BARLOW, a citizen of the United States, residing at St. Joseph, in the county of Berrien and State of Michigan, have invented new and useful Improvements in Operating-Tables, of which the following is a specification.

The object of this invention is to provide an operating-table of simple and inexpensive construction for use by physicians, surgeons, and others and which can be readily and easily adjusted to convenient positions to fit the patient for different examinations and operations.

In the accompanying drawings I have illustrated one embodiment of the invention.

Referring to the drawings, Figure 1 is a side elevation. Fig. 2 is a top plan view. Fig. 3 is an end view. Fig. 4 is a sectional view on the line 4 4 of Fig. 1. Fig. 5 is a sectional view on the line 5 5 of Fig. 3.

In the drawings, 10 is a back-rest of suitable length and breadth, which is provided at one end with hooks 11, adapted to be engaged with eyes 12 on the head side of the central support 13. The head end of the back-rest is supported on a cross-bar 14, resting in sockets 15 in the sides 16 of a head-support 17. The sides of the head-support are connected by cross-bar 18 at the top and by cross-bars 19 at the bottom, and the support is provided with feet 20. I provide a number of sockets 15, which are located correspondingly in the two sides of the head-support, so that the cross-bar can be adjusted vertically to support the head end of the back-rest at any desired height. The back-rest is suitably upholstered, and at each side thereof is a track 21, on which slide the sides 22 of the head-rest 23 and shoulder-rest 24. The shoulder-rest is arranged at a suitable inclination to the back and upholstered or cushioned, as desired. The head-rest is connected to the shoulder-rest by plates 25, Fig. 4, which may be made of spring metal. To secure the head-rest in fixed position, I provide a bar 26, the lower end of which can be fitted in socket 27 in a cross-bar 28, fastened to the sides 22, and the upper end of which can be fitted in a socket 29 in the under side of the head-rest. The head and shoulder rest are rigidly secured in an adjusted position on the back-rest by means of clamps 30, which engage the sides 22 and are provided with thumb-screws 31, adapted to be tightened against the under side of the back-rest. The central support is upholstered or cushioned

on its top to form a part of the top of the table, and it is also provided with feet 13' at each end.

The leg-rest 32 is provided with hooks 33, adapted to engage eyes 34 on the foot side of the central support, and they are made wider at one end than at the other to fit the legs. Each leg-rest is provided with sides 35, which extend to the outer narrow end of the rest and terminate at 36 somewhat removed from the extreme inner broad end of the rest, and between these sides the rest is upholstered or cushioned in a suitable manner. The outer end of each rest is supported on a suitable folding support, Figs. 3 to 5, which comprises a member 37, hinged to the under side of the leg-rest at the upper end thereof, and a member 38, which is provided with the feet 39. The member 38 is fitted between guides 40 on the member 37 and is held in place by plates or straps 41. The member 37 and the member 38 are provided with openings 42, and after being adjusted to the proper height they are secured in adjusted position by a pin 43, which passes through registering holes in both members. In order to secure the leg-rest in fixed relation to the central support, I provide hooks 44, which are pivotally hung on the central support and adapted to engage eyes 45 on the leg-rest, and I may provide a number of these eyes on each rest, so that the leg-supports can be arranged and secured in angular relation of different degrees to the central support.

If desired, I may provide the feet 20, 13', and 39 with rollers, so that the whole table or the head-support, central support, or leg-rest supports can be together or separately moved easily from place to place.

My improved operating-table is simple in construction and can be manufactured of wood or metal or partly of both at a comparatively low cost. The several parts of the table are capable of independent adjustment, as required to place the patient in most convenient and comfortable position for different examinations and operations. The back-rest can be adjusted very easily and quickly to any height by adjusting the supporting-bar 14 and also by moving the head-support longitudinally of the back-rest. By adjusting the shoulder and head rest longitudinally of the back-rest the length of the table can be easily adjusted to fit the patient. The leg-rests are swiveled to the central support, so that they can be adjusted to any de-

gree of angularity to the central support which may be required, and the outer ends of the leg-rests can be adjusted to any desired height.

5 The table is constructed so that it can be quickly and easily taken apart and set up, the back-rest and leg-rest being detachable from the central support and the leg-rest supports being foldably connected to the leg-rests.

10 I am aware that changes in the form, proportion, and construction of parts of my improved operating-table can be made without departing from the invention or sacrificing the advantages thereof, and while I have
15 found a table constructed as illustrated in the drawings to answer the purpose satisfactorily I would have it understood that I do not limit myself specifically thereto, but reserve the right to make all such changes as fairly fall
20 within the purview of the invention.

Having thus fully described the invention, what I desire to secure by Letters Patent is—

1. In an operating-table, the combination
25 of a back-rest, tracks on the side edges of said back-rest, a shoulder-rest extending across the back-rest and having upwardly-extending side pieces slidably adjustable on said tracks, clamps engaging said side pieces and the side
30 edges of the back-rest for securing the shoulder-rest in adjusted position, and a head-rest connected to and extending rearwardly from the shoulder-rest and supported by said side pieces.

2. In an operating-table, the combination
35 of a back-rest, tracks at the side edges of said back-rest, sides slidably adjustable on said tracks, clamps for securing said sides in ad-

justed position, a shoulder-rest connected to said sides, a head-rest, and spring-plates connecting said head-rest to the shoulder-rest. 40

3. In an operating-table, the combination of a central support forming a part of the top of the table, a back-rest hinged to the head side of said support, a support for the head end of said back-rest, leg-rests hinged to the 45 foot side of said central support, and an adjustable support for the outer end of each leg-rest comprising two relatively adjustable members provided with openings adapted to register, one of said members being hinged 50 to the leg-rest, longitudinally-extending guides on said hinged member, the other member being provided with feet and fitted to slide between said guides, plates fastened on said guides and extending over the slid- 55 able member arranged therebetween, and a pin adapted to extend through openings in the members to fasten them in adjusted position, the central support, the back-rest support and the leg-rest supports all standing on the 60 same level.

4. In an operating-table, the combination of a central support, a pair of leg-rests pivoted to said support to move both laterally and vertically, and two hooks pivoted on the 65 hook side of said support between said leg-rests and adapted to be crossed and engaged each with one of the leg-rests to hold said rests against lateral movement.

ASHBEL P. BARLOW.

Witnesses:

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EDYTHE SHAUMAN.