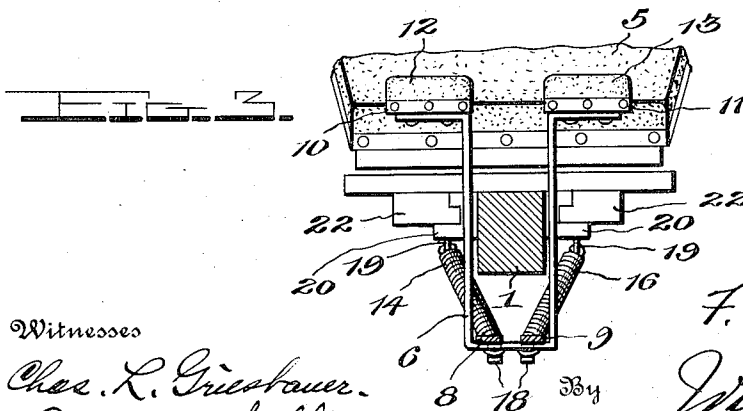
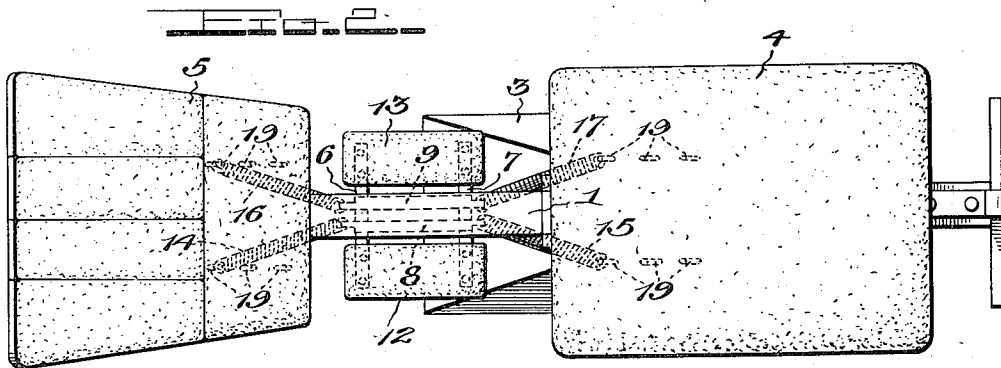
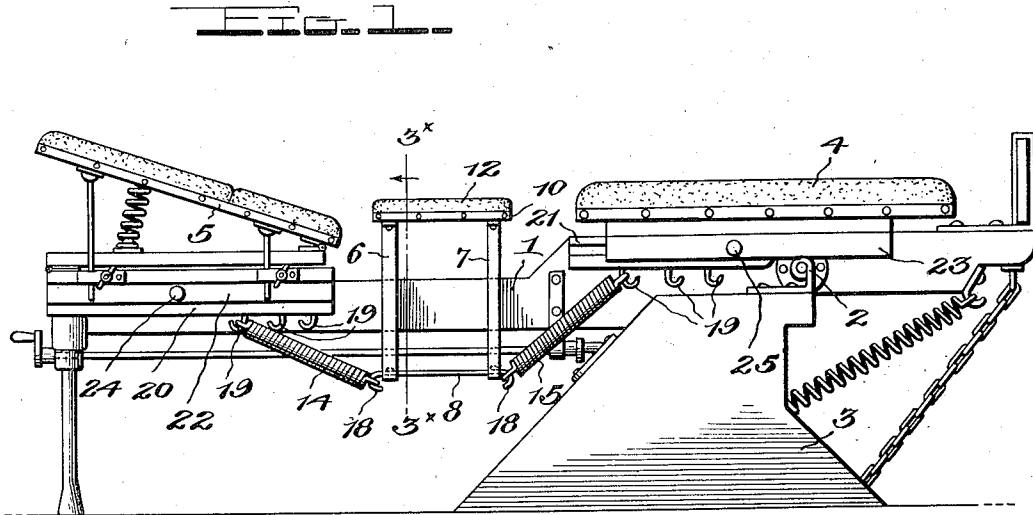


F. M. NAYSMITH.
CHIROPRACTIC TABLE.
APPLICATION FILED OCT. 19, 1914.

1,145,503.

Patented July 6, 1915.



Witnesses

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FRANK M. NAYSMITH, OF DAVENPORT, IOWA.

CHIROPRACTIC TABLE.

1,145,503.

Specification of Letters Patent.

Patented July 6, 1915.

Application filed October 19, 1914. Serial No. 867,431.

To all whom it may concern:

Be it known that I, FRANK M. NAYSMITH, a citizen of the United States, residing at Davenport, in the county of Scott and State of Iowa, have invented certain new and useful Improvements in Chiropractic Tables, of which the following is a specification.

The primary object of this invention is the provision in a table for use in administering chiropractic or other movement treatments, of a yieldable abdominal support adjustable to accommodate the size or position of the patient as hereinafter more particularly pointed out.

In order to more fully describe my invention, reference will be had to the accompanying drawings wherein;

Figure 1, is a side elevation of a chiropractic table embodying one form of my invention; Fig. 2, a top plan view thereof, and Fig. 3, a detail section partly in elevation, on a slightly enlarged scale, taken on line 3*-3* Fig. 1.

The table here shown, except as to the abdominal support, is substantially the same as that forming the subject of U. S. Patent No. 1,079,795, granted to me Nov. 25, 1913, so need not here be described in detail. Suffice it to say that this table comprises, among other parts, an elongated beam 1, hinged as at 2 on a base 3 to move angularly in a vertical plane, and is provided with a longitudinally adjustable cushioned support 4 for the lower members of the patient's body, and a cushioned support 5 for the head and upper portions of the patient's body, the latter support being adjustable vertically as well as longitudinally with respect to the beam.

My improved abdominal support in the form here shown comprises, among other parts, a frame consisting of two U-shaped members 6 and 7 which straddle the beam 1, as shown, and which are connected at their lower ends or yokes by bars or rods 8 and 9 riveted or otherwise made fast thereto. This frame carries supported upon the upper ends of members 6 and 7 two plates 10 and 11 provided with pads 12 and 13 preferably elongated longitudinally of the table and located at desired distance apart transversely thereof. The frame carrying said plates and cushions is supported by four springs 14, 15, 16 and 17, attached to hooks 18 on the ends or bars 8, 9, and to

hooks 19 on guides 20 and 21 of the supports 4 and 5, the said abdominal supporting frame being thus swung or suspended after the fashion of a hammock. Guides 20 and 21 are fast to the beam 1.

For the purpose of adjustment there is provided a series of hooks 19 for each spring, said hooks being located in rows extending longitudinally of the table.

With such an arrangement, the abdominal support may be adjusted longitudinally of the table or transversely thereof according to which hooks of the several rows of hooks 19 the springs are connected. This permits of adjustment for various sizes of patients. Such adjustment may be used also to vary the tension of the springs. Obviously, the spring tension would be less with the springs connected to the inside hooks than to those at the outer ends of the respective rows. Moreover, the springs 14-17 permit the abdominal support to yield to movements of the patient so that a patient may be readily moved longitudinally of the table and the abdominal support accommodate itself to his changed position. A further adjustment may be effected by sliding either or both of the support slides 22, 23 longitudinally of the table. The support slides 22, 23 are retained in an adjusted position by thumb screws 24, 25 or in any other desired way. The arms of the frame members 6 and 7 cooperate with the beam 1 to keep the support in proper horizontal alinement.

Various modifications may be made in the specific construction here described without departing from the spirit of my invention.

What I claim is:

1. A table of the class specified, having a supporting beam, and supports mounted on said beam and constituting rests or supports for the upper and lower portions of the body of a patient, an intermediate body support located between said supports and having a frame extending transversely of said beam, and a plurality of springs attached to opposite sides of said frame extending upward at an angle therefrom and suspending the same freely for movement longitudinally as well as transversely of said beam against the resistance of said springs.

2. A table of the class specified, having a supporting beam, and supports mounted on said beam and constituting rests or sup-

ports for the upper and lower portions of the body of a patient, and abdominal support located intermediate of said body supports and comprising a frame straddling said beam and provided with body rests or supporting members, and a plurality of springs suspending said frame for movement either longitudinally or transversely of said table.

3. A table of the class specified, having a supporting beam, and supports mounted on said beam and constituting rests or supports for the upper and lower portions of the body of a patient, an abdominal support located intermediate of said body supports and comprising a frame straddling said beam and provided with body rests or supporting members, a plurality of springs connected to said frame, and a plurality of hooks for each spring, whereby said springs may be attached to said table at different points to shift the position of the abdominal

support and to vary the tension of said springs.

4. A table of the class specified, having a supporting beam, and longitudinally adjustable supports for the upper and lower portions of the body of a patient, an abdominal support located intermediate of said body supports and comprising a frame straddling said beam and provided with body rests or supporting members, and a plurality of springs attached to portions of the said supports for the upper and lower portion of the body and to said frame to suspend the same for movement either longitudinally or transversely of said table.

In testimony whereof I affix my signature in presence of two witnesses.

FRANK M. NAYSMITH.

Witnesses:

HENRY H. JEBENS,
HUGO C. VOGT.