

Jan. 2, 1923.

1,441,170.

W. B. REPERT.  
PORTABLE CHIROPRACTIC TABLE.  
FILED NOV. 14, 1921.

3 SHEETS—SHEET 1.

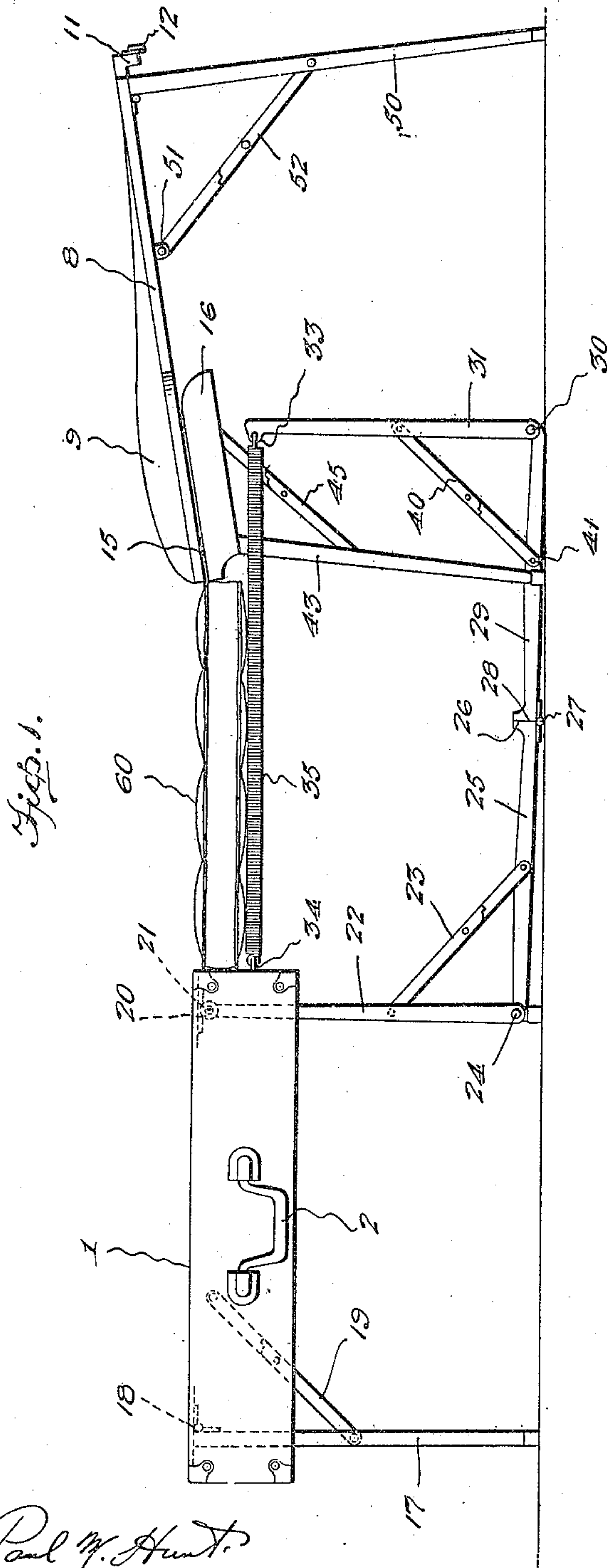


Fig. 1.

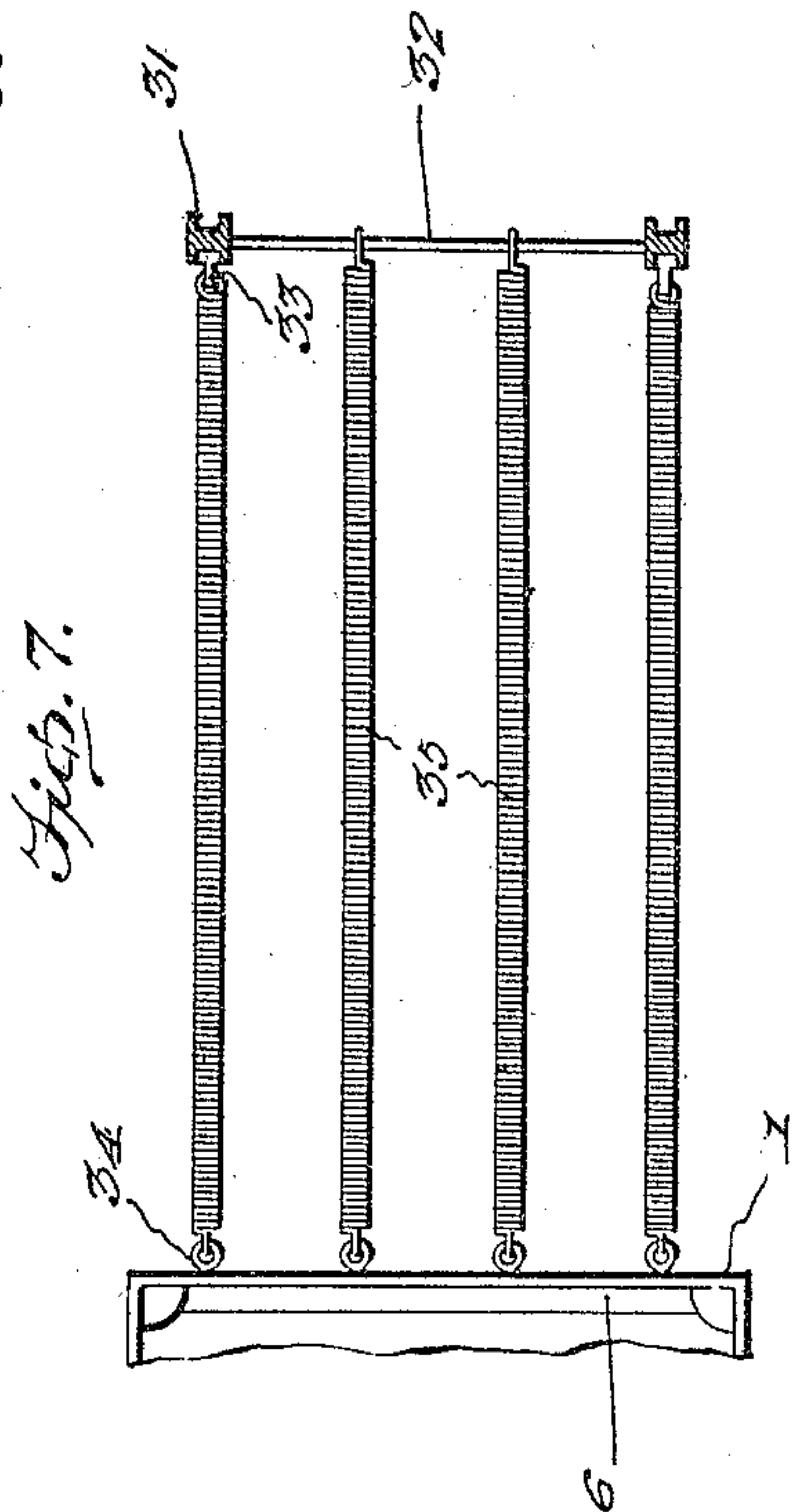


Fig. 7.

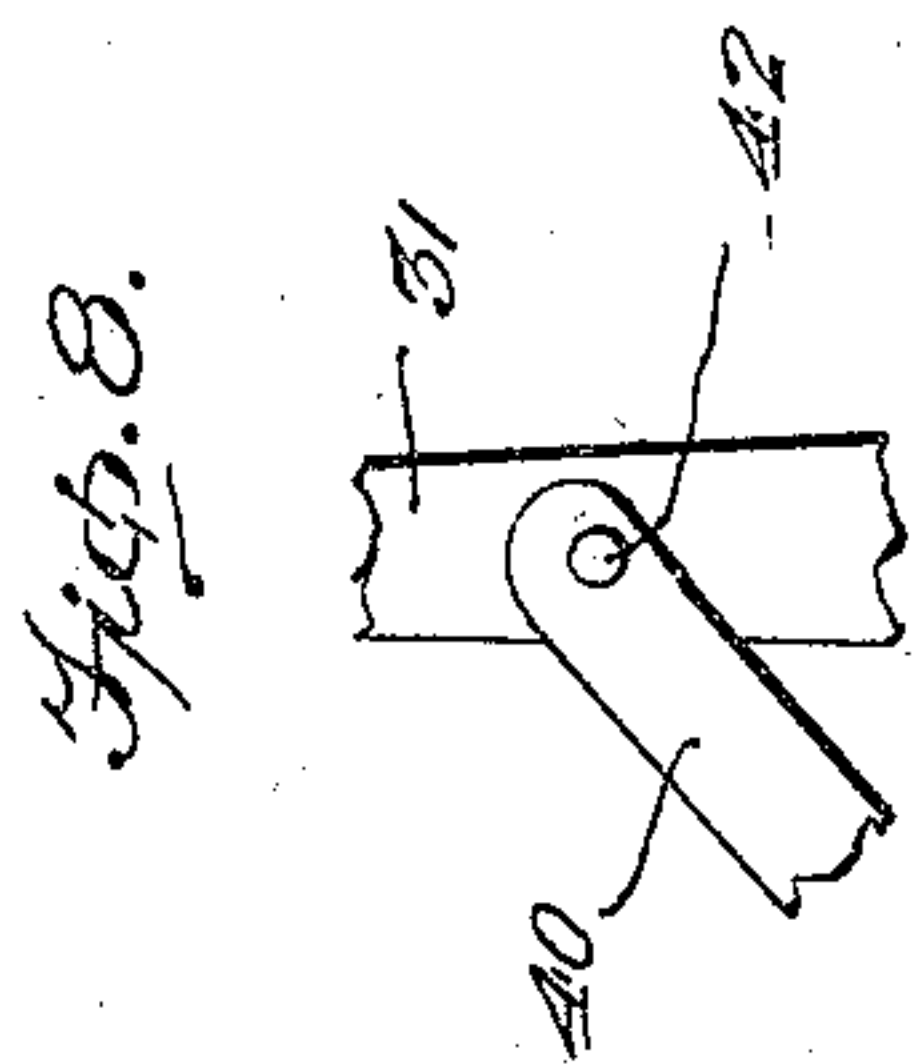


Fig. 8.

W.B. Repert  
INVENTOR

Victor J. Evans

ATTORNEY

Paul M. Hunt.

**WITNESS:**

Jan. 2, 1923.

W. B. REPERT.  
PORTABLE CHIROPRACTIC TABLE.  
FILED NOV. 14, 1921.

1,441,170.

3 SHEETS—SHEET 2.

Fig. 2.

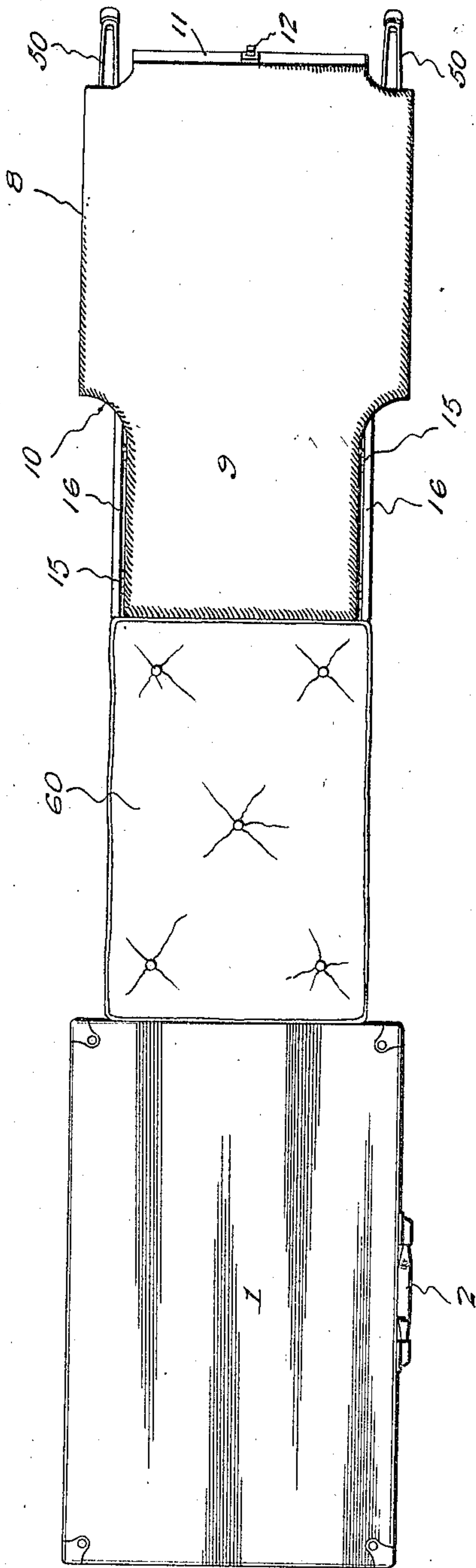


Fig. 5.

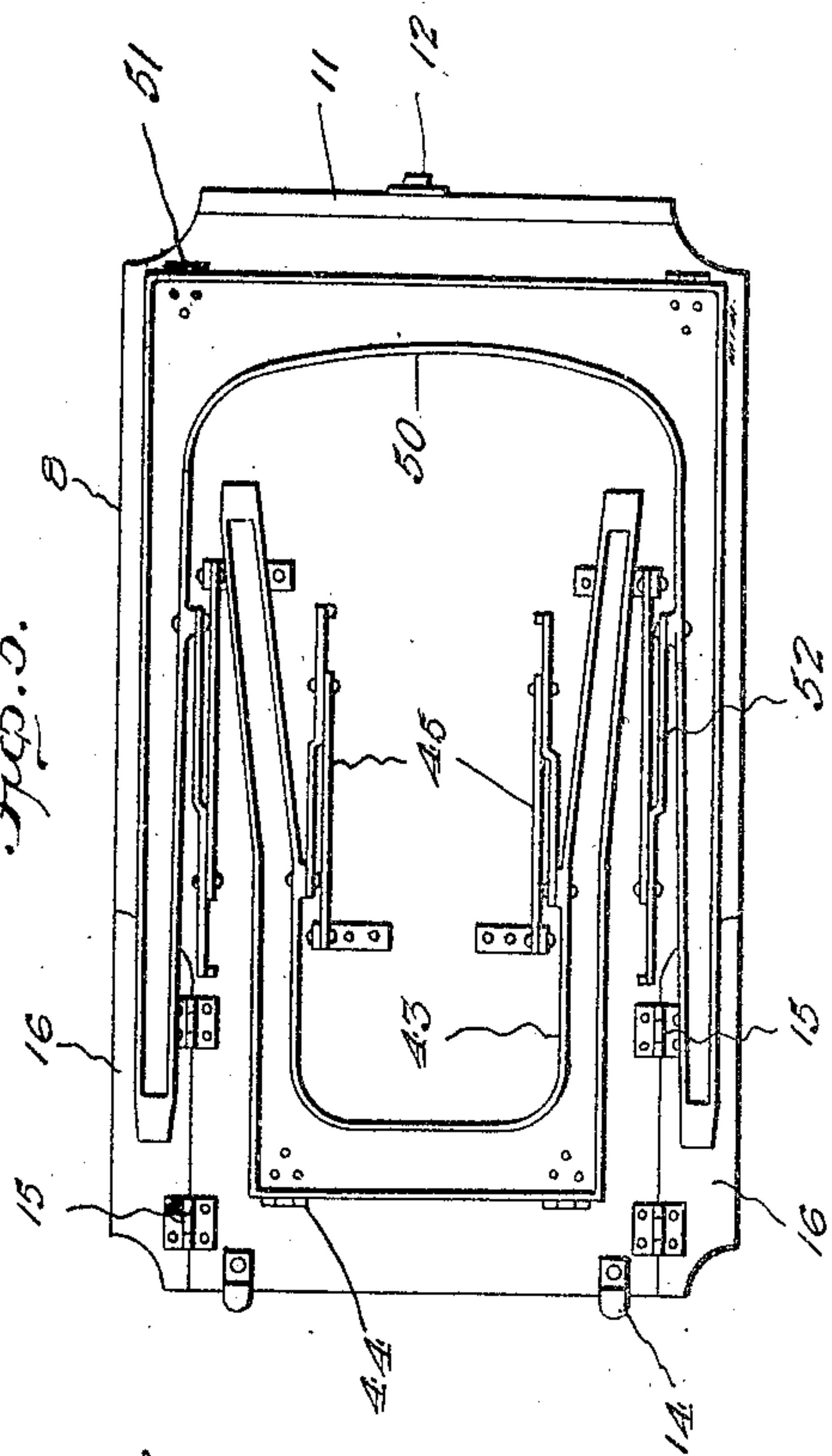


Fig. 6.



Paul M. Hunt,

WITNESS:

W. B. Repert

INVENTOR

BY

Victor J. Evans

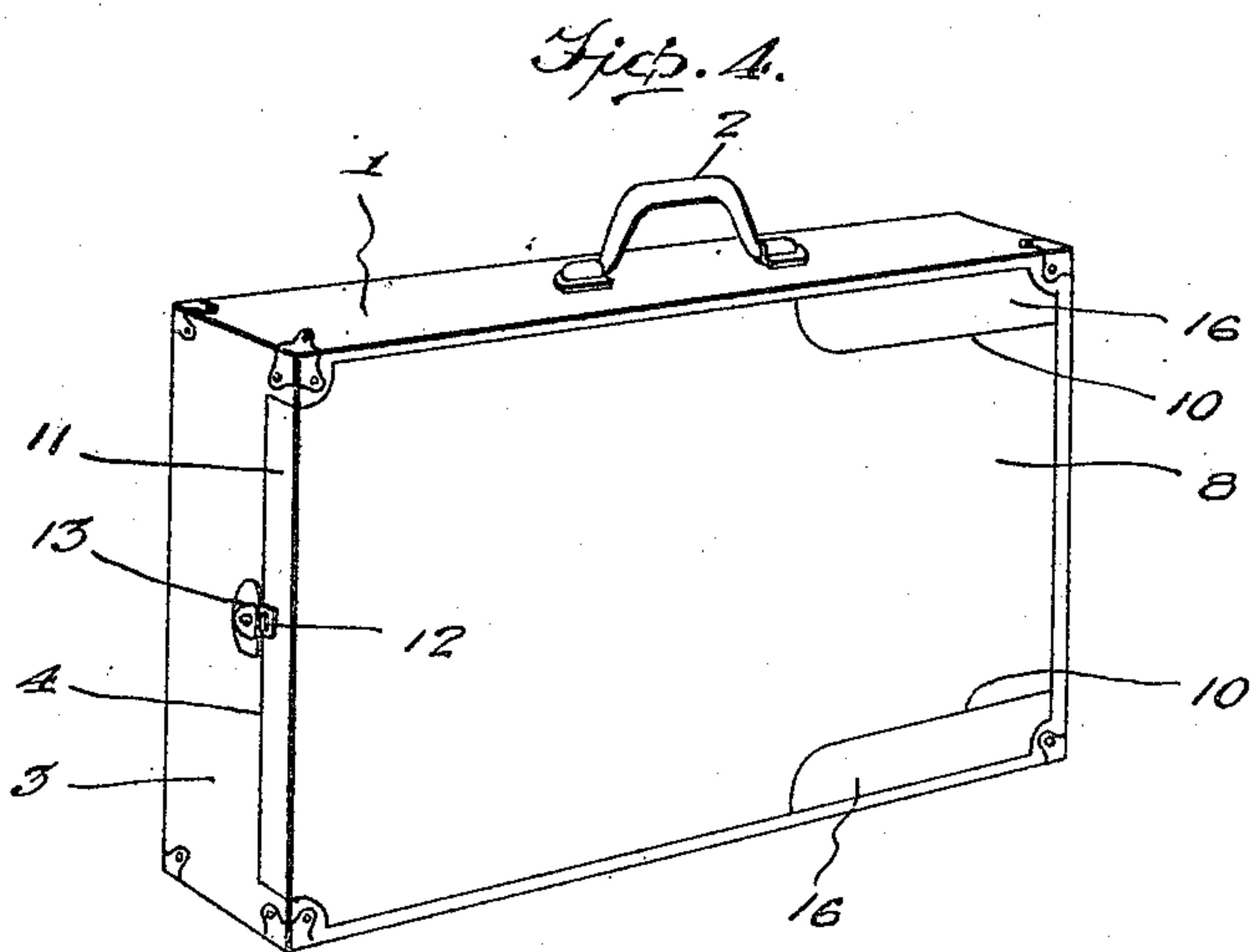
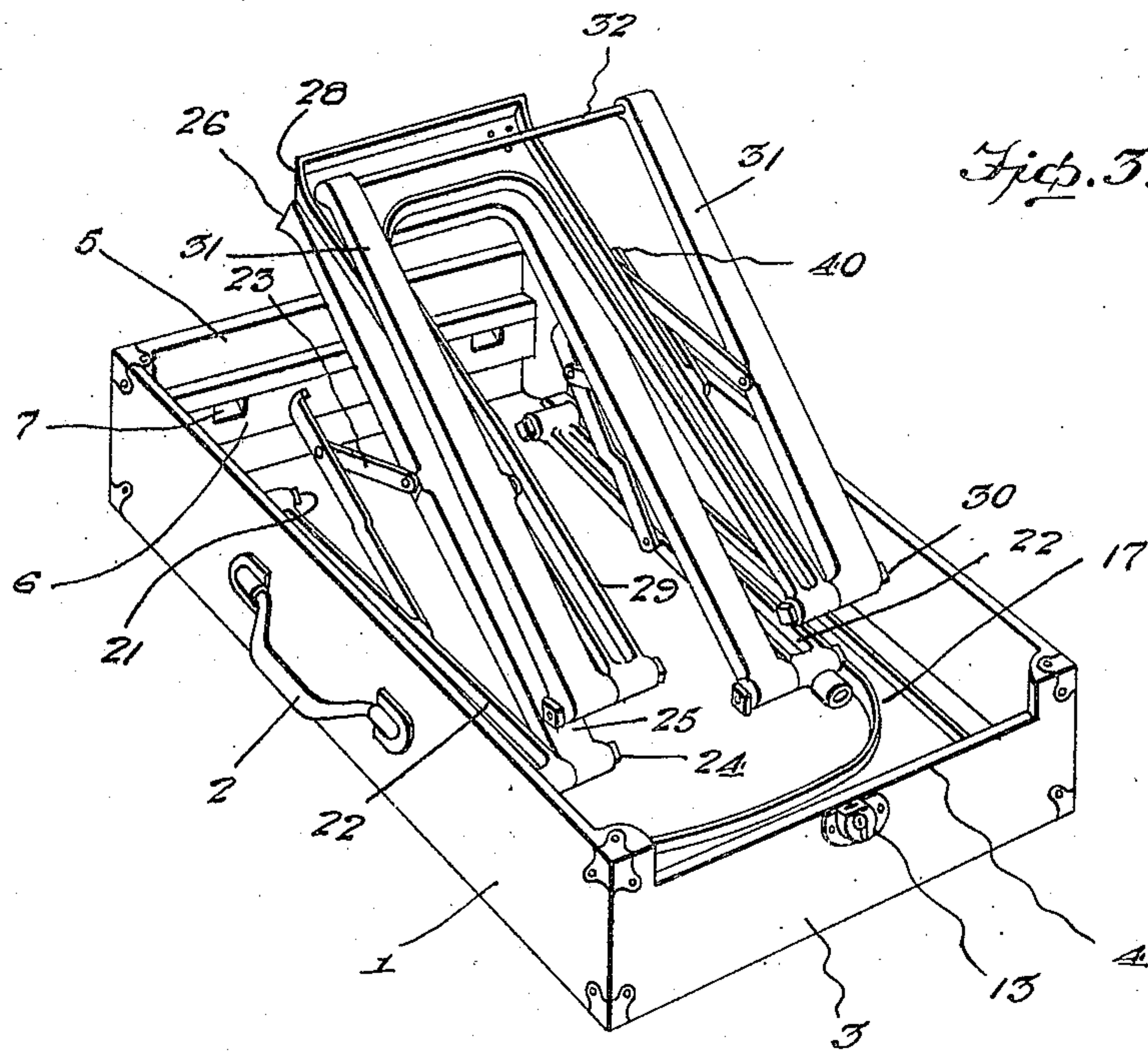
ATTORNEY

Jan. 2, 1923.

W. B. REPERT,  
PORTABLE CHIROPRACTIC TABLE.  
FILED NOV. 14, 1921.

1,441,170.

3 SHEETS—SHEET 3.



*Paul M. Hunt.*

WITNESS:

W. B. Repert  
INVENTOR  
BY *Victor J. Evans*  
ATTORNEY



## UNITED STATES PATENT OFFICE.

WALTER B. REPert, OF DUNKIRK, NEW YORK.

## PORTABLE CHIROPRACTIC TABLE.

Application filed November 14, 1921. Serial No. 515,040.

*To all whom it may concern:*

Be it known that I, WALTER B. REPert, a citizen of the United States, residing at Dunkirk, in the county of Chautauqua and State of New York, have invented new and useful Improvements in Portable Chiropractic Tables, of which the following is a specification.

The object of my said invention is the provision of a suitcase chiropractic table—i. e., a chiropractic table adapted to be reduced to suitcase form for convenient carriage in the hand, the said table being characterized by an improved construction involving certain features whereby when the table is set up ready for use it is safe and strong and at the same time convenient to the patient and the practitioner, and when it is desired to transport the table the same can be quickly and easily manipulated and reduced to the form of a completely closed suitcase.

To the attainment of the foregoing, the invention consists in the improvement as hereinafter described and definitely claimed.

In the accompanying drawings, forming part of this specification:—

Figure 1 is a side elevation showing my novel table as set up ready for use.

Figure 2 is a plan view of the same.

Figure 3 is a perspective showing the manner in which certain elements are folded into the body of the suitcase.

Figure 4 is a perspective showing the device as reduced to suitcase form.

Figure 5 is an inverted plan view showing the closure member of the suitcase and the appurtenances thereof.

Figure 6 is an enlarged detail perspective of one of the tongues on said member.

Figure 7 is a detail view illustrating the connection of the series of retractile springs.

Figure 8 is a detail side elevation showing the detachable connection of certain braces hereinafter explicitly referred to.

Similar numerals of reference designate corresponding parts in all of the views of the drawings.

By particular reference to Figures 1, 3 and 4 it will be observed that among other elements my novel table comprises a suitcase body 1, equipped with a handle 2 and having the edge of one of its end walls 3 recessed as designated by 4. The said body 1 is provided at the inner side of its opposite end wall 5 with a ledge 6 in the face of which are sockets 7, clearly shown in Figure 3. In

combination with the body 1 I employ a closure member 8 which is adapted when the table is set up ready for use to support a portion of the body of a patient and is therefore padded at one side as designated by 9 in Figures 1 and 2. The said member 8 is provided with an end portion 10 of reduced widths as best shown in Figures 2 and 4, and at its opposite end the member 8 is provided with a flange 11 adapted when the suitcase is closed to occupy the before mentioned body recess 4. It will also be observed by comparison of Figures 3, 4 and 5 that the member 8 is equipped on the flange 11 with a lock member 12 for cooperation with a lock member 13 on the recessed end of the body 1. Manifestly the lock formed by the members 12 and 13 may be of any appropriate key-controlled type and therefore I do not deem it necessary to enter into a detail description of the said lock. At its opposite end, with reference to the flange 11, the member 8 is provided with tongues 14, one of which is shown in Figure 6, the said tongues 14 being adapted to be inserted in the sockets 7 of the body 1 so as to secure against displacement the end of the member 8 on which said tongues 14 are arranged. When the closure member 8 is positioned as shown in Figure 4 it will obviously be held against movement relatively to the body 1 in the direction of its thickness and also in the directions of its width and length. Hinged at 15 to the sides of the reduced portion 10 of the member 8 are skirt wings 16. When the table is set up ready for use the said wings 16 assume the pendent position shown in Figure 1, and when the member 8 is secured in and to the body 1 the said wings are adapted to complete the closure of the suitcase as shown in Figure 4. In addition to the elements named the table comprises a U-shaped support 17, hinged at 18, Figure 1, to the bottom of the body 1 and adapted when the sectional braces 19 are flexed to be swung flat against the inner side of the said body. Pivotaly mounted at 20 on pins 21 carried by opposite side walls of the body 1 are supporting legs 22 to which are connected sectional braces 23. Pivotaly connected at 24 to the said legs 22 are the ends of a U-shaped base brace 25 the bight portion 26 of which is square as illustrated in Figures 1 and 3. Hinged to the said base brace 25 at 27 is the correspondingly square bight portion 28 of a complementary U-



shaped base brace 29. Hingedly connected to the ends of the said base brace 29 and designated by 30 in Figures 1 and 3 are arms 31 between which extends a transverse rod 32. It will also be seen by reference to Figure 7 that eyes 33 are provided on the said arms 31. Detachably connected at 34 to one end of the suitcase body 1 are retractile springs 35 some of which are connected to the said eyes 33 and others of which are connected to the rod 32. The said springs when tensioned as illustrated in Figure 1 manifestly serve to render the intermediate supporting frame of the table rigid. This will be better appreciated when it is stated that sectional braces 40 are hinged to the base brace 29 at 41, and are detachably hooked at 42 on pins carried by the arms 31, Figures 1 and 8; also, when it is stated that a U-shaped support 43 is hinged at 44 to the underside of the closure member 8, and sectional braces 45 are interposed between the said support 43, and the underside of the closure member 8. The closure member 8 is further provided with a U-shaped support 50 hinged to the member 8 at 51, and sectional braces 52 are interposed between and connected to the said support 50 and the underside of the closure member 8, Figures 1 and 5.

Loosely superimposed upon the series of springs 35 is a cushion 60.

It will be apparent from the foregoing that when the springs 35 are detached from the end of the body 1, the legs 22, the braces 25 and 29, the arms 31, and the braces 23 and 40 may be folded into the body 1 after the manner illustrated in Figure 3. It will also be apparent that the supports 43 and 50, and the complementary braces may be folded flat against the underside of the closure member 8. Then after the springs and the cushion 60 are arranged in the body 1, the closure member 8 may be adjusted to the position shown in Figure 4, relatively to the body 1, and secured in such position when the device will manifestly be susceptible of being carried in hand with the same convenience as an ordinary suitcase of corresponding size and weight.

It will further be apparent from the foregoing that the suitcase is adapted to be opened, and the chiropractic table set up for use by simply reversing the operation described, and arranging the closure member 8 and its appurtenances as shown in Figure 1 relatively to the other elements of the device.

When set up for use as shown in Figure 1 my novel table is stable and strong and is adapted to form a support for a recumbent patient, and one that is very convenient for the practitioner.

I have entered into a detailed description of the construction and relative arrangement of the parts embraced in the present and

preferred embodiment of my invention in order to impart a full, clear and exact understanding of the said embodiment. I do not desire, however, to be understood as confining myself to the said specific construction and relative arrangement of parts inasmuch as in the future practice of the invention various changes and modifications may be made such as fall within the scope of my invention as defined in my appended claims.

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

1. A chiropractic table comprising a suitcase body, a closure member separable from said body and adapted when set up to support a portion of the body of a patient, supporting means for said closure member foldable against the same, a cushion, supporting means for one end of the suitcase body and foldable into the same, supporting means for the opposite end of the suitcase body, and supporting means for the cushion and foldable into the body and extending in the open state of the table from the inner end of the body to a point under the inner portion of the closure member.

2. A chiropractic table comprising a suitcase body, a closure member separable from said body and adapted when set up to support a portion of the body of a patient, supporting means for said closure member foldable against the same, a cushion, supporting means for one end of the suitcase body and foldable into the same, supporting means for the opposite end of the suitcase body, and supporting means for the cushion and foldable into the body and extending in the open state of the table, from the inner end of the body to a point under the inner portion of the closure member; the said supporting means including a spring support for the cushion, and the said cushion being adapted to be interposed between the closure member and the suitcase body.

3. A chiropractic table comprising a suitcase body, a closure member separable from said body and adapted when set up to support a portion of the body of a patient, supporting means for said closure member foldable against the same, a cushion, supporting means for one end of the suitcase body and foldable into the same, and supporting means for the opposite end of the suitcase body and the cushion and foldable into the body; the said supporting means comprising base braces arranged in working position to abut against each other, and also including arms connected to one of the base braces, and retractile springs for yieldingly supporting the cushion detachably connected to the suitcase and connected to the said arms.

4. A chiropractic table comprising a suitcase body, a closure member separable from said body and adapted when set up to sup-



port a portion of the body of a patient, supporting means for said closure member foldable against the same, a cushion, supporting means for one end of the suitcase body and foldable into the same, and supporting means for the opposite end of the suitcase body and the cushion and foldable into the body; the suitcase body having a recess in one of its end walls, and also having sockets at the inner side of its opposite end wall, and the closure member having an end portion reduced in width, and wings hinged to the side edges of said reduced portion, and provided at its opposite end with a flange to seat in said recess and adapted to be locked to the suitcase body.

5. A chiropractic table comprising a suitcase body, a foldable support connected to one end portion of said body and movable

into and out of the same, a foldable support for the opposite end of the body, movable into and out of the same and including base braces hinged together and adapted to abut in endwise relation against each other, arms connected in hinged manner to one of the base braces, detachable retractile springs interposed between said arms and one end of the body, a cushion removably superimposed on said retractile springs, and a cover or closure member complementary to the body and adapted for arrangement at the opposite end of the cushion, with reference to the body; the said closure member having supporting means foldable against the under and inner side of the same.

In testimony whereof I affix my signature.

WALTER B. REPERT.