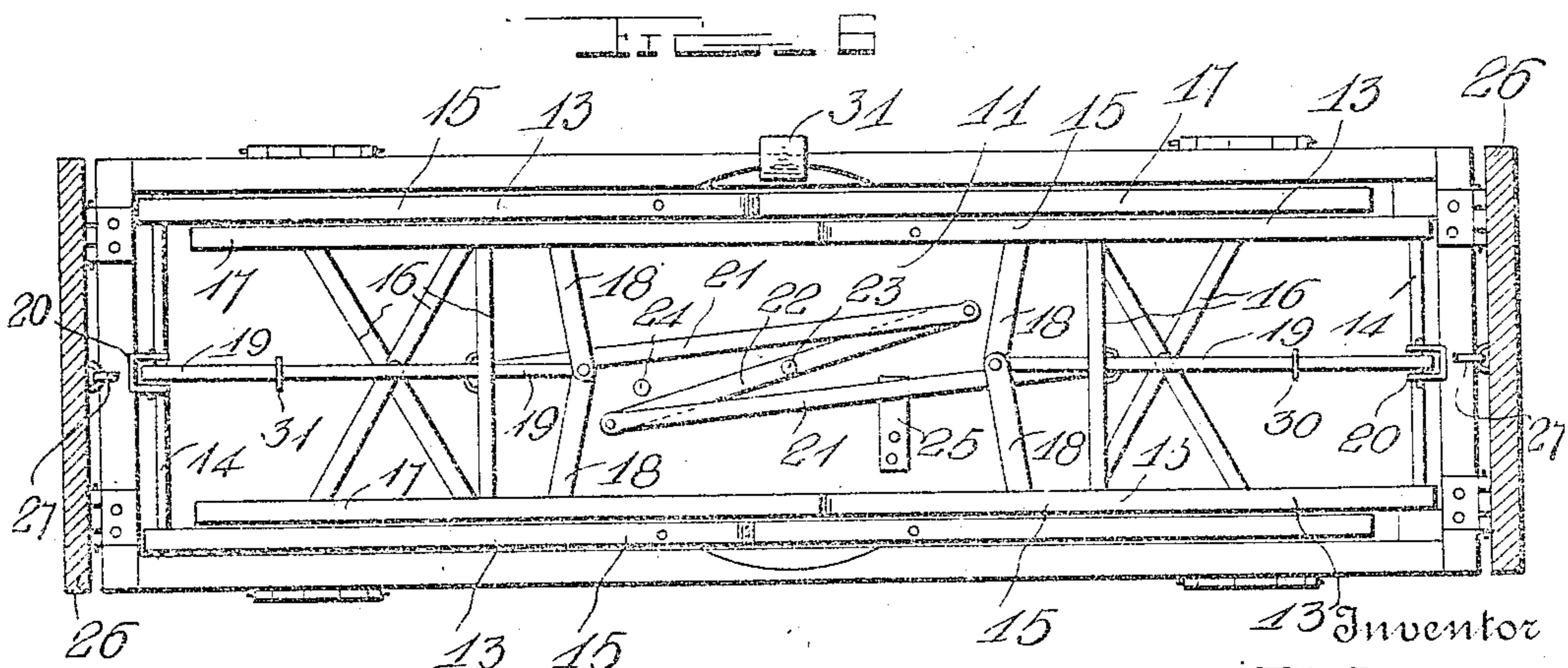
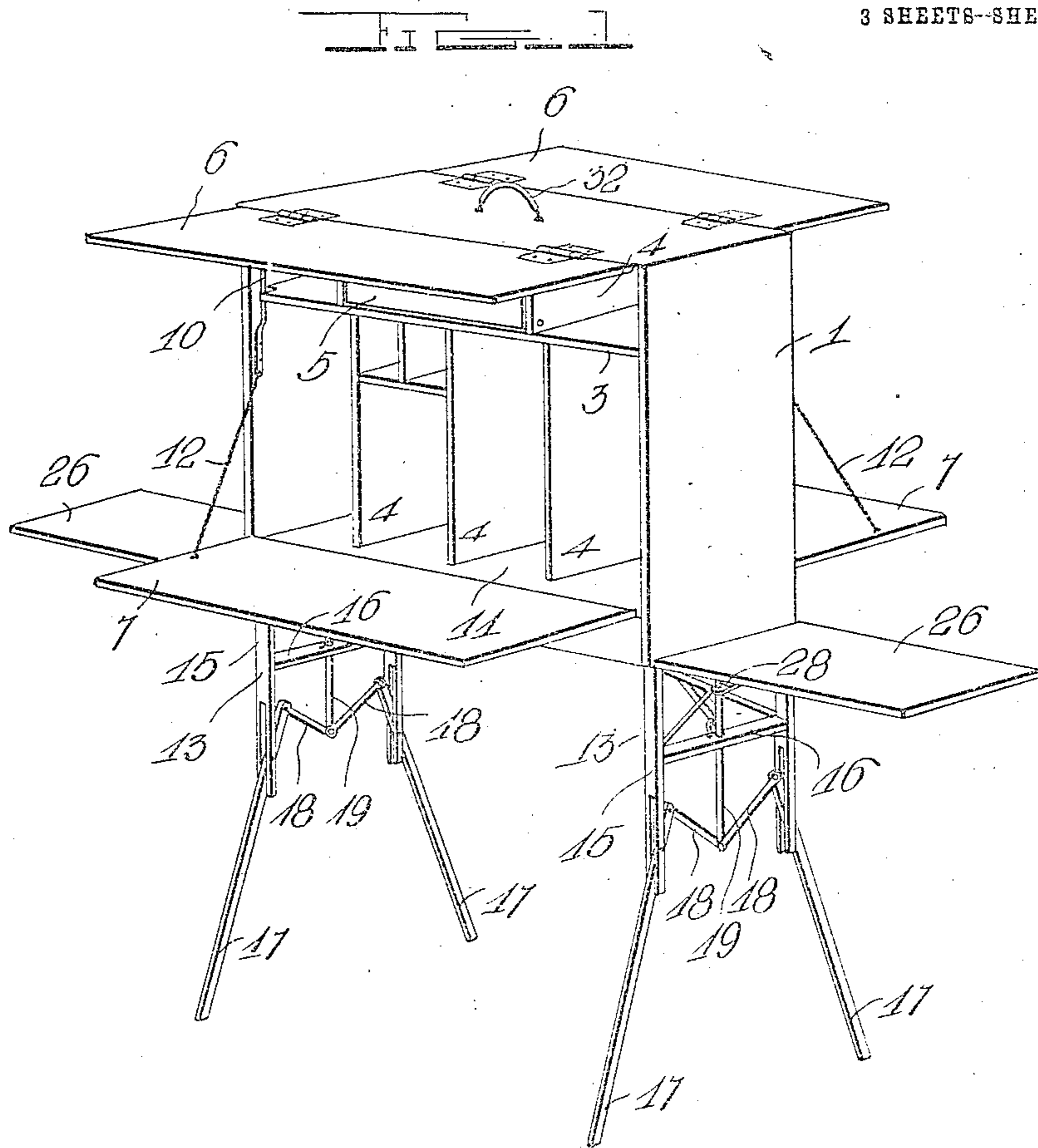


G. L. KOHN.
FOLDING CARRYING CASE AND STAND.
APPLICATION FILED MAR. 3, 1910.

979,075.

Patented Dec. 20, 1910.

3 SHEETS--SHEET 1



Witnesses

H. Griesbauer

George L. Kohn

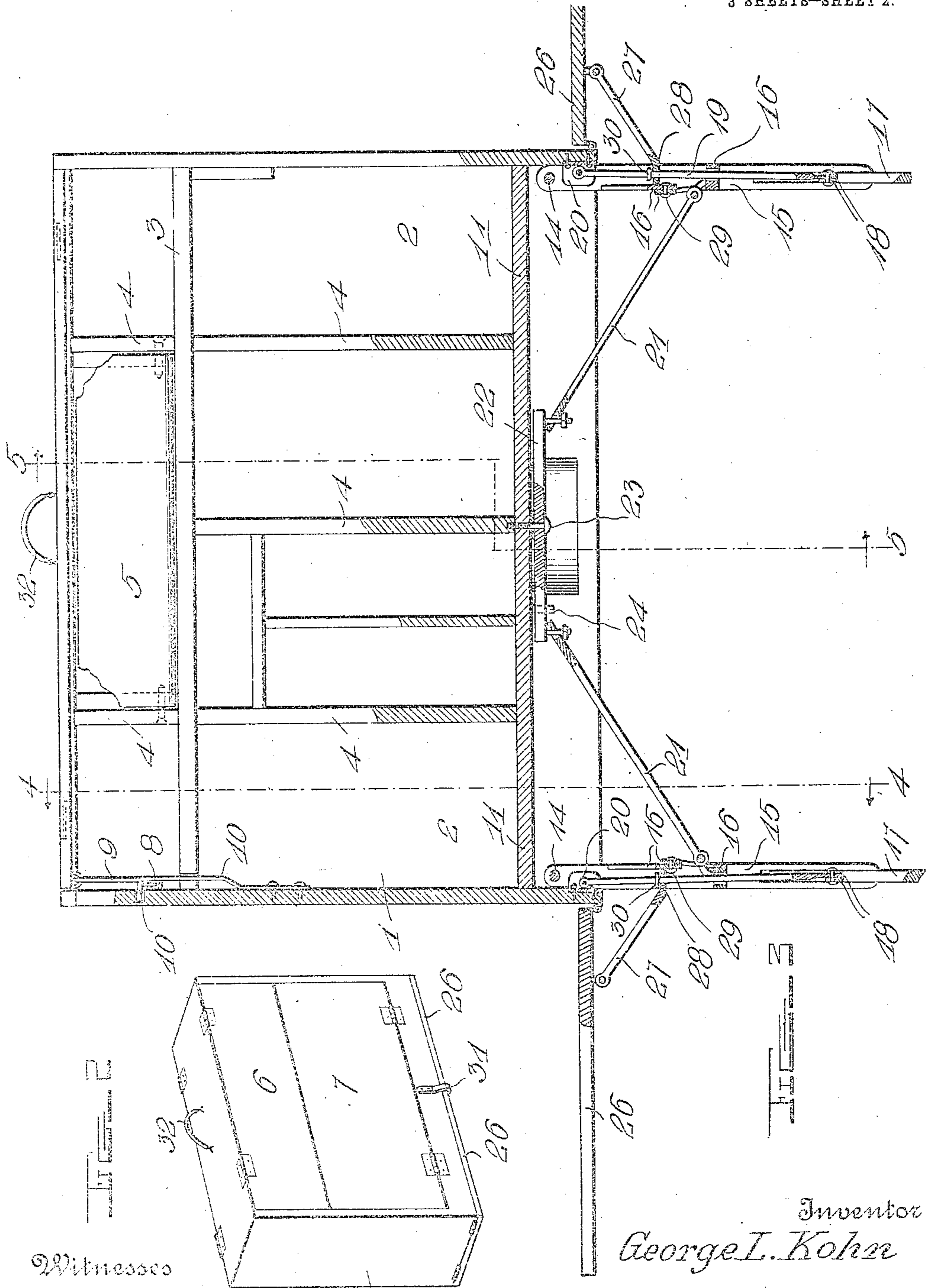
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Attorneys

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Witnessed

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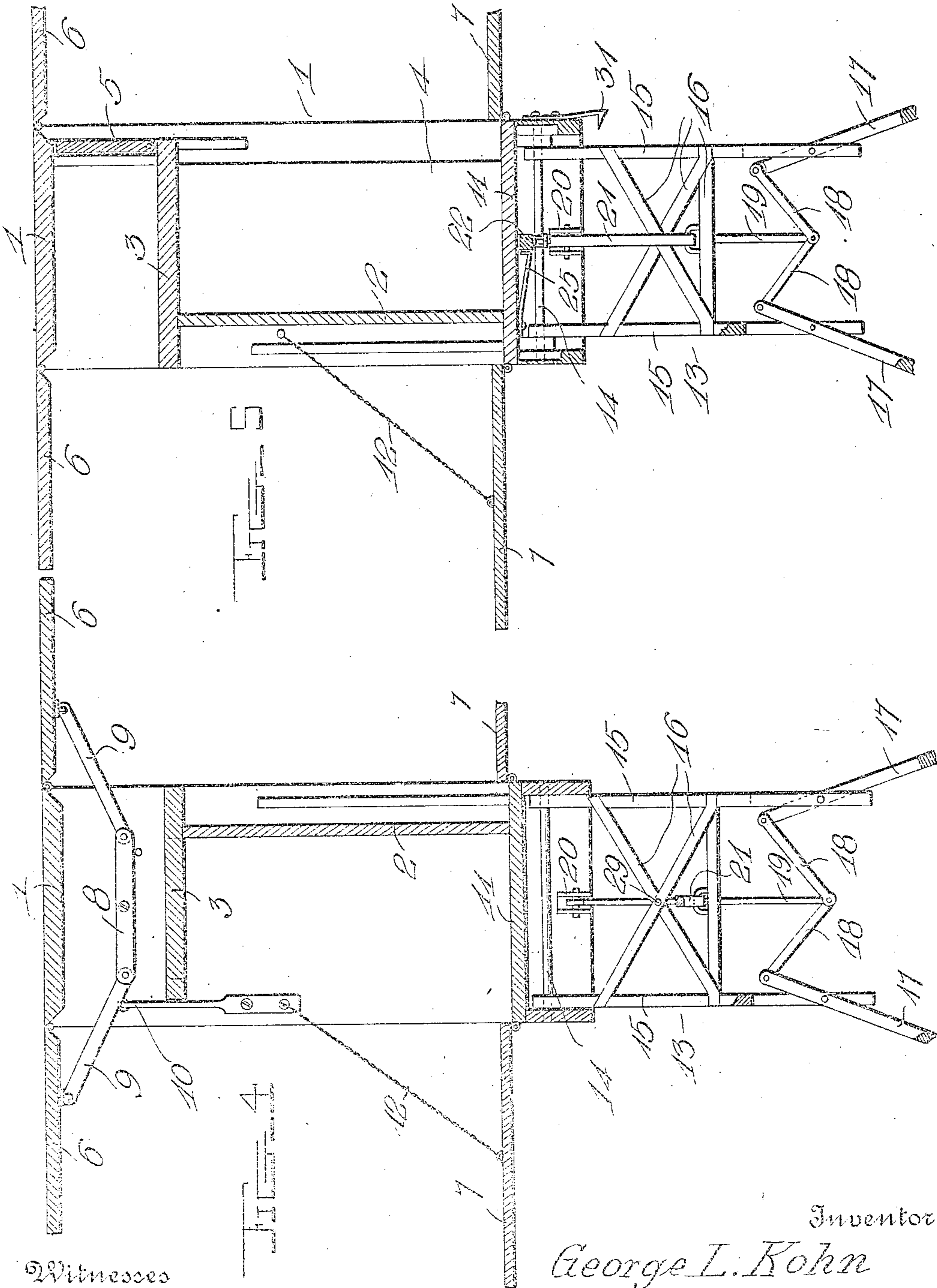
Inventor
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3 SHEETS—SHEET 3.



Witnesses

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UNITED STATES PATENT OFFICE.

GEORGE L. KOHN, OF GROVER HILL, OHIO.

FOLDING CARRYING CASE AND STAND.

979,075.

Specification of Letters Patent.

Patented Dec. 20, 1910.

Application filed March 3, 1910. Serial No. 547,102.

To all whom it may concern:

Be it known that I, GEORGE L. KOHN, a citizen of the United States, residing at Grover Hill, in the county of Paulding and State of Ohio, have invented certain new and useful Improvements in Folding Carrying Cases and Stands, and do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in folding carrying cases and stands.

One object of the invention is to provide a carrying case having means whereby the same may be supported at a suitable elevation and which, when thus supported and open, will form a stand.

Another object is to provide a case of this character having a series of compartments and covers for closing the same, said covers being adapted to open to form the top of the stand and a series of supporting shelves.

A further object is to provide a carrying case having supporting legs adapted to be folded up and inclosed in the case when not in use.

With the foregoing and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts as will be more fully described and particularly pointed out in the appended claim.

In the accompanying drawings, Figure 1 is a perspective view of the case with the parts in open position to form a stand; Fig. 2 is a similar view with the parts closed and Fig. 3 is a vertical longitudinal section of the case as shown in Fig. 2; Fig. 4 is a transverse vertical section taken on the line 4—4 of Fig. 3, looking in the direction of the arrow; Fig. 5 is a similar view on the line 5—5 of Fig. 3, looking in an opposite direction from Fig. 4; Fig. 6 is a bottom plan view partly in section of the case showing the legs in folded position.

Referring more particularly to the drawings, 1 denotes the case, which is here shown and is preferably in the form of a rectangular box divided longitudinally by a partition or back 2, which is arranged therein near the rear side of the case, as shown. In the front side of the case is arranged a horizontal shelf 3 and a series of vertical

partitions 4, which divide the front portion of the case into a series of compartments of different sizes and shapes. One or more of the compartments thus formed is provided with a hinged cover or door 5, whereby the same may be closed and locked separately or independently from the other compartments which are closed by the sides of the case hereinafter described.

The upper portion of the front and rear sides of the case is closed by upwardly opening hinged covers 6, while the lower portion of said opposite sides is closed by hinged downwardly opening covers 7. The covers 6 are hingedly connected to the opposite edges of the top of the case and are connected together on their inner sides adjacent to one end of the case by a pivotally mounted lever 8 and links 9, said links connecting the opposite ends of the lever with the inner sides of the opposite covers whereby when one of said covers is swung upwardly to an open position, the other will be simultaneously moved to the other position.

In order to hold the covers 6 in an open position, one of the links 9 is engaged by a spring catch 10 arranged in one end of the case, as shown. When it is desired to lower or close the covers, the catch 10 is depressed, thus permitting the link to move past the same. The covers 6 when supported in an open position form extensions to the top of the case.

The lower covers 7 are hingedly connected at their lower or inner edges to the opposite edges of the bottom 11 of the case and, when swung downwardly to an open position, are supported at right angles to the case by chains 12 or similar supporting devices, whereby said covers form shelves for the reception of instruments or other articles. The covers 6 and 7, when in closed position, form the sides of the case and when thus closed may be fastened in any suitable manner.

The bottom 11 is set up into the lower end of the case a slight distance to form below the same a compartment in which is adapted to be folded a pair of supporting frames and legs, which when opened out to an operative position form supports for holding the stand at the desired elevation. The supporting devices comprise frames 13, which

are hingedly mounted at their upper ends on transverse shafts 14 arranged through the lower sides of the case, as shown. The frames 13 comprise side bars 15, which are spaced apart and held in position to form the frame by a series of brace bars 16. The lower ends of the side bars 15 are bifurcated and in said bifurcated ends are pivotally mounted the upper ends of pairs of supporting legs 17, the upper ends of which are pivotally connected by links 18 to operating rods 19 which are slidably engaged with the frames 13 and are pivotally connected at their upper ends to brackets 20 on the inner side of the opposite ends of the case, as shown.

The pivotal connection of the upper ends of the rods 19 being spaced from the pivotal connection of the upper ends of the frames with the shafts 14 will, when the frames are swung outwardly to an operative position, force the inner ends of the links 19 downwardly, thus drawing inwardly on the upper pivoted ends of the legs, thereby spreading or expanding the lower ends thereof, thus forming a firm support for the stand. When the frames are swung upwardly to a folded position, the rods 19 will be retracted, thus pulling inwardly on the inner ends of the links and thereby forcing the upper ends of the legs outwardly and the lower ends inwardly to permit the same to fold into the compartment below the bottom of the case, as shown in Fig. 6 of the drawings.

In order that the frames and legs at the opposite ends of the case may be moved in unison, said frames are connected by links 21 to the opposite ends of a lever 22, which is pivotally mounted midway between its ends at 23 to the under side of the bottom 11, whereby when one of the frames is moved inwardly or outwardly, the motion thereof will be imparted to the opposite frame to move the latter in the same direction. In order to limit the movement of the lever 22 when the frames and legs have been swung outwardly to the proper position, I provide a stop screw 24, which is arranged in suitable position in the bottom of the case adjacent to one end of the lever and on said bottom of the case adjacent to the opposite end of the lever is secured a stop spring 25, which, when depressed, will permit the lever to swing around to operative and inoperative positions and which, when the lever is swung to an operative position, will spring down behind the same and thus hold the lever locked and the frames and legs in operative position. When the lever is thus engaged by the stop spring, it is necessary to retract or force said spring upwardly to permit the lever to move over the same before the leg frames and legs can be swung inwardly or folded to an inoperative position

in the compartment below the bottom of the case.

The compartment in the bottom of the case is closed and the legs and supporting frames covered by means of covers 26, which are hingedly connected at their inner ends to the lower edges of the ends of the case in such manner as to permit said covers to swing outwardly and upwardly to positions at right angles to the ends of the box, whereby said covers serve as shelves or supporting brackets. The covers are supported in an operative position to form shelves by means of brace bars 27, which are pivotally connected at one end to the under side of the covers and at their opposite ends are provided with apertured angular guide lugs 28, which have a sliding engagement with the rods 19 and which, when the covers are swung upwardly in position to form shelves, will engage the heads of rivets 29 arranged through the brace bars 16 of the frames 13, said rivet heads forming stops whereby the braces are held in position to support the shelves, as described. The upward movement of the braces and shelves is limited by the engagement of the lugs 28 on the braces with stop collars 30 arranged on the rods 19 immediately above the heads of the rivets 29.

When it is desired to lower the covers 26, as when folding the legs, it is necessary to spring the inner ends of the lugs 28 on the braces 27 past the heads of the rivets 29, which operation is accomplished by pressing inwardly on the brace bars 16. After the supporting frames and legs have been folded into the compartment below the bottom of the case and the covers 26 swung downwardly and inwardly to a closed position, said covers are held in this position by a spring catch 31, arranged on one side of the case, as shown, and projecting a suitable distance below the same to spring over the adjacent edges of the covers, as shown. The lower end of the spring catch 31 is preferably beveled to permit the covers to automatically swing into engagement therewith. A suitable handle 32 is provided on the top of the case by means of which the same may be readily carried when in folded position.

A case constructed as herein shown and described will be especially adapted for use of physicians, undertakers or in connection with other work where it is necessary to carry a number of instruments and accessories and in which a stand is required for supporting the same while in use.

From the foregoing description taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the prin-

ciple or sacrificing any of the advantages of this invention as defined in the appended claim.

Having thus described my invention, what I claim is:—

A carrying case having formed in its lower side a compartment, supporting frames pivotally mounted at their upper ends in said compartment, and adapted to be folded therein to an inoperative position, pairs of supporting legs pivotally mounted in the lower ends of said frames, a pair of leg operating rods slidably connected with said frames, a pair of links to connect the lower ends of said rods with the upper ends of said legs whereby, when the frames are folded into said compartment, the legs will be retracted to permit the same to enter the compartment, and when said frames are swung outwardly to an operative position, said legs will be expanded to form firm supports for the case, a frame operating lever

pivoted to the bottom of the case and in said compartment, links to loosely connect the opposite ends of said lever with said frames whereby the movement of one frame will be simultaneously imparted to the other, a stop to limit the movement of said lever in one direction, a spring catch adapted to automatically engage the lever whereby the same is locked and thus holds the leg frames and legs in an operative position, covers adapted to close said compartment when the leg frames and legs are folded therein, and means to support said covers in an open position to form shelves.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

GEORGE L. KOHN.

Witnesses:

GEORGE BUNN,

THOMAS H. BLYTHE.