

March 18, 1958

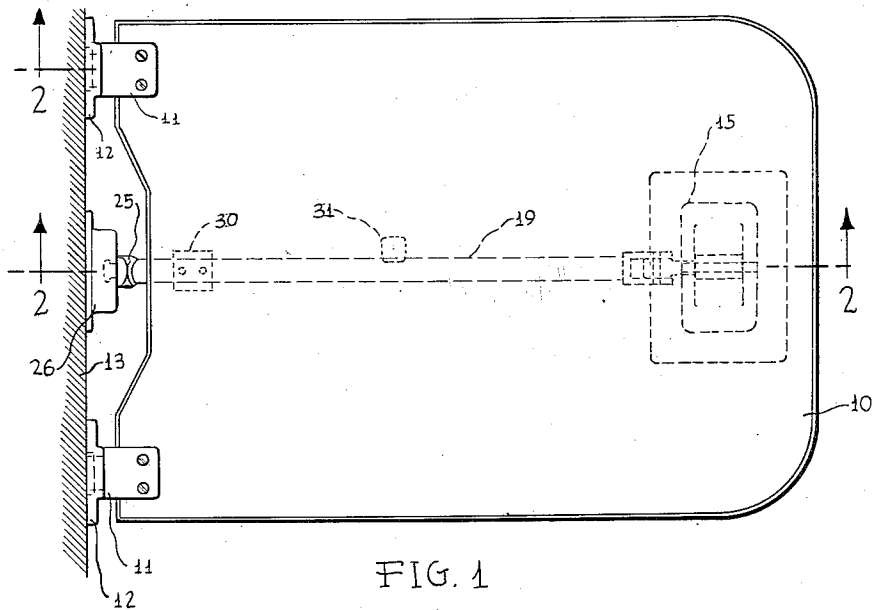
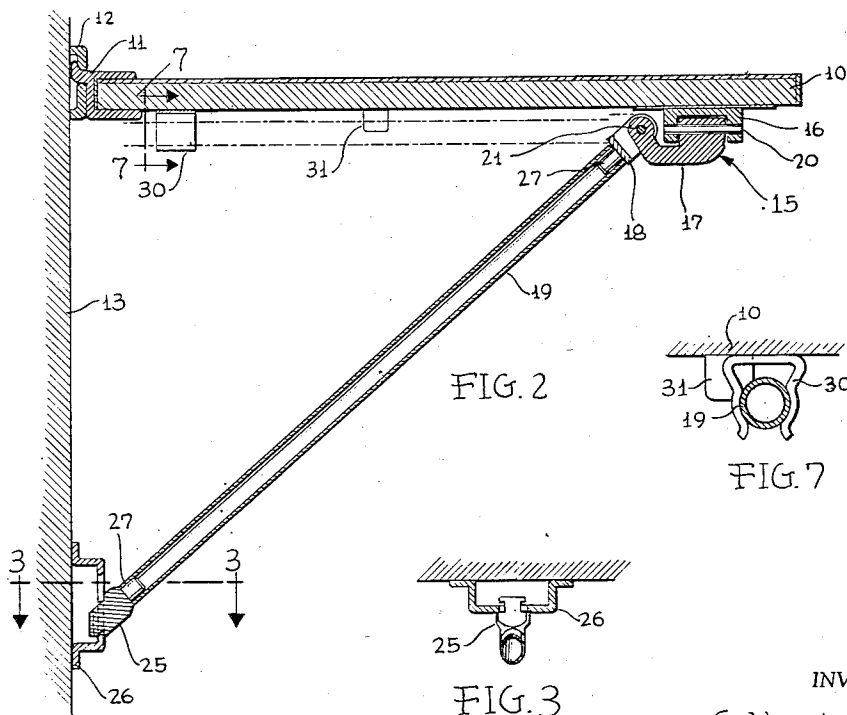
G. KALT

2,827,351

ADJUSTABLE WALL-MOUNTED TABLE

Filed Feb. 15, 1957

2 Sheets-Sheet 1



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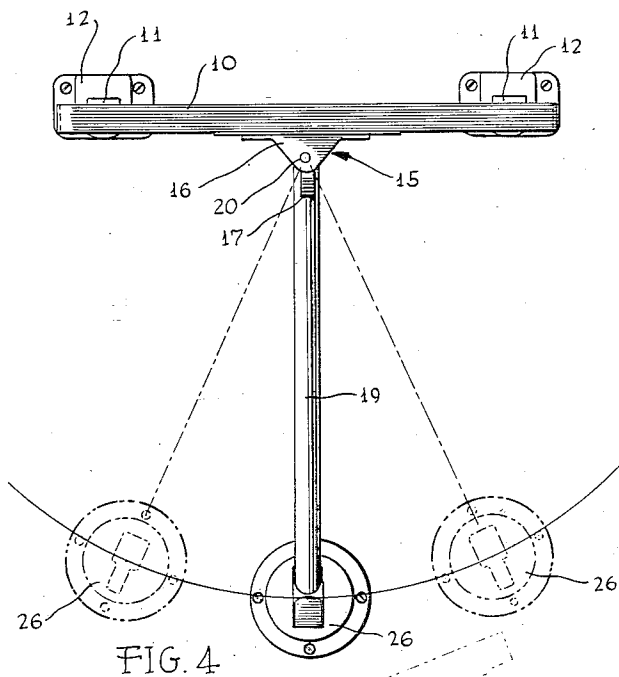
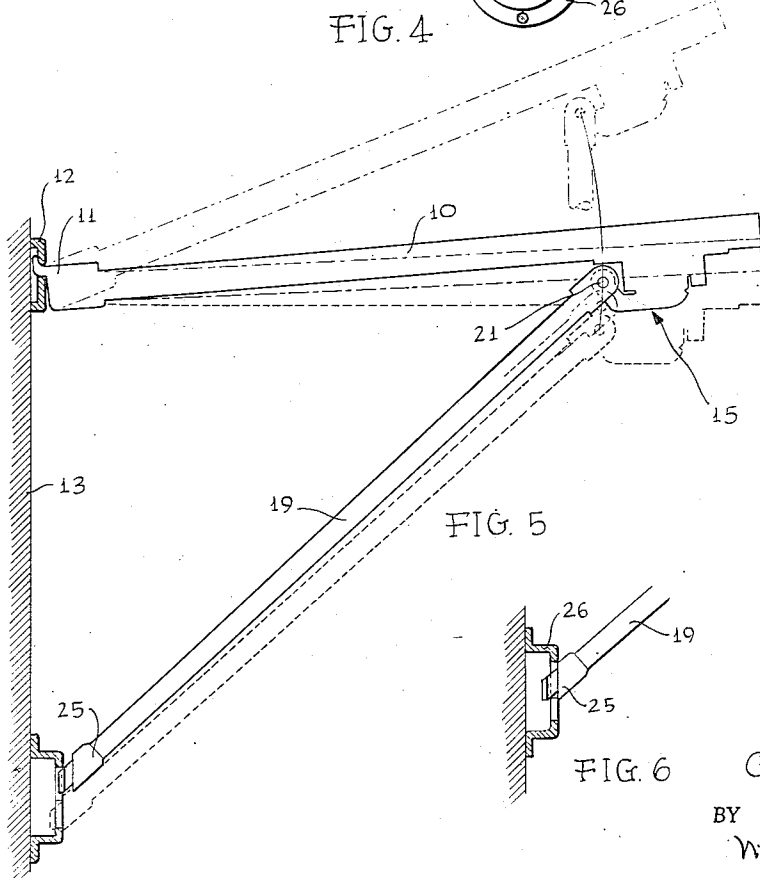
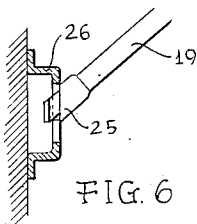
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ADJUSTABLE WALL-MOUNTED TABLE

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ADJUSTABLE WALL-MOUNTED TABLE

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4 Claims. (Cl. 311-18)

This invention relates to an adjustable wall table and has for an object the provision of improvements in this art. It particularly concerns a strut-braced wall-mounted table and has for an object the provision of a brace or prop type of support which can be moved and anchored at different positions transversely of the table to provide knee space at either side of the table.

Another object is to provide a table strut or support having a plurality of joints, one joint having an axis disposed longitudinally of the length of the table in a direction from the wall outward and another joint having an axis disposed transversely of the table, thus providing swinging movement of the strut transversely beneath the table and also vertically from and toward the table.

The invention and its objects and advantages will be apparent by reference to the accompanying drawings of an exemplary embodiment thereof wherein:

Fig. 1 is a top plan view of the table installed on a wall;

Fig. 2 is a vertical longitudinal section taken on the line 2-2 of Fig. 1;

Fig. 3 is a horizontal section of a detail taken on the line 3-3 of Fig. 2;

Fig. 4 is an end elevational view;

Fig. 5 is a side view and section showing the table being installed;

Fig. 6 is a vertical section of a detail showing a strut connection being made; and

Fig. 7 is a vertical transverse section, taken on the line 7-7 of Fig. 2, showing the supporting brace or strut folded up beneath the table top and retained by a spring clip.

As shown in the drawings, the table comprises a top or top panel 10 having at the wall end a pair of hook fittings 11 which enter socket fittings 12 secured to a wall 13. The hook fittings are curved in vertical planes and are engaged by raising the outer end of the table top to enter the hook fittings in the sockets and then lowering the outer end down to secure the hook fittings in the sockets so they cannot be removed except by again raising the outer end of the table top.

To the under side of the table top near the outer end there is secured a strut hinge mounting 15 which includes a support plate 16, a swivel member 17, and a strut end piece 18 supporting a strut or brace 19.

There is a horizontal longitudinal axis 20 between the swivel member 17 and the plate 16 and a horizontal transverse axis 21 between the swivel member 17 and the strut end piece 18, both axes lying in the same horizontal plane. This arrangement makes an easy-working neat-appearing construction and avoids placing buckling side strains on the transverse joint.

The lower end of the strut is provided with an end piece in the form of a plug fitting 25 adapted to enter the socket of a wall fitting 26. Preferably there are a plurality of socket fittings on the wall arranged in an arc so that the strut may be secured in any one of them as required to give knee room on one side or the other of the table or to provide for equal knee space on each side of the table if that is wanted. If the compartments in which the table is to be used have seating arrangements requiring knee space on one side only for each compartment or for the center only then there need be but one socket fitting placed in each compartment and the table can be mounted in any of the compartments no matter

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where the socket for that compartment may be located in the base arc on the wall.

The sockets are of the bayonet type having a longitudinal axis of movement for locking the parts together.

5 These socket axes are arranged radially in an arc in a vertical plane, circular plates are shown. If rectangular plates are used they will have their side edges arranged vertically the socket axes being oriented as required.

10 The strut may be formed of tubing and the end fittings 18 and 25 therefor may be formed with plugs 27 entering the ends of the tube and there secured, as by drive pins, brazing or the like.

15 A spring clip 30 is secured beneath the table top for holding the strut in place when the table is not in use, a rubber pad 31 also being provided to engage the side of the leg to prevent rattling.

It is thus seen that the invention provides a simple, convenient, sturdy and attractive table arrangement which can be quickly mounted or removed and which provides 20 the best possible space arrangement for various seating arrangements at the table.

While one embodiment has been disclosed in detail for purposes of illustration it is to be understood that there may be various embodiments and modifications within 25 the general scope of the invention.

What is claimed is:

1. A wall-mounted table comprising in combination, a table top, connecting means for securing one end of the table top to a wall and providing some vertical movement 30 of its outer end, a strut extending at an angle from the outer portion of the table top to the wall, connecting means securing the strut at one end to the table top and providing swinging movement about two axes, said connecting means including a first hinge means having an axis parallel to the plane of the table and aligned with its length from the wall end outward and a second hinge means having an axis parallel to the plane of the table and aligned transversely to the length of the table, and 35 connecting means securing the other end of the strut to the wall at a selected point in a vertical arc formed by the end of the strut along the wall in swinging the strut about the longitudinal hinge axis.

2. A wall-mounted table as set forth in claim 1, in which the axes of swinging of the strut are both disposed 40 in the same plane parallel to and beneath the plane of the table.

3. A wall-mounted table as set forth in claim 1, in which the connecting means for said other end of the strut to the wall includes a wall fitting having an elongated key-hole type bayonet slot, the slot of the fitting being 45 arranged in axial alignment with a radius of said arc so that the strut end can be engaged in the radial slot by swinging the strut about the said transverse axis.

4. A wall-mounted table as set forth in claim 2, in which the longitudinal hinge means is located outward 50 toward the outer end of the table from the transverse hinge means and in which an intermediate swivel member forms part of the longitudinal hinge means at one end and forms part of the transverse hinge means at the other end.

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