March 25, 1930. W. R. THOMSON 1,751,536

TABLE

Filed Oct. 29, 1928

Fig. 1.

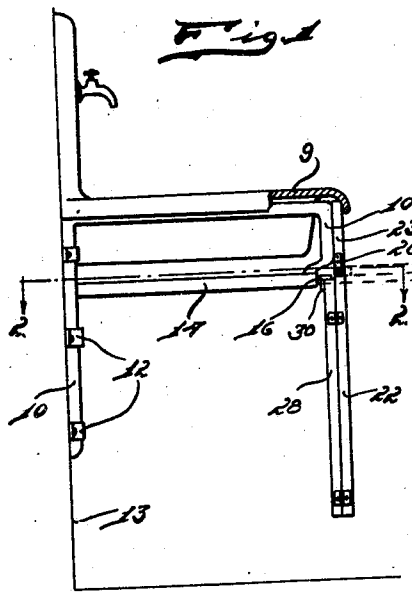


Fig. 4.

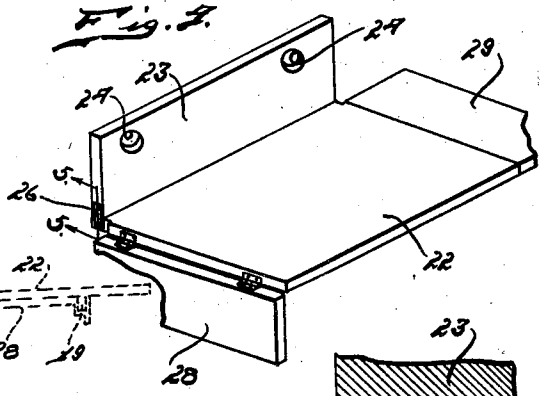


Fig. 5.

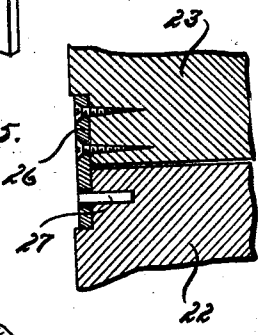


Fig. 2.

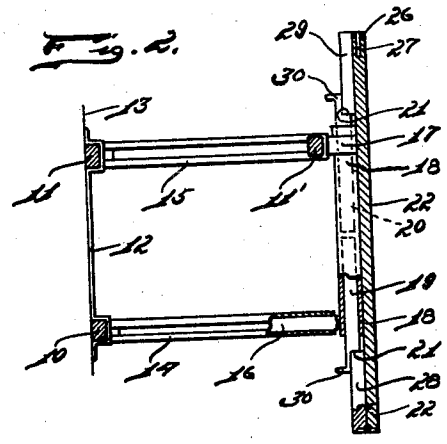


Fig. 3.

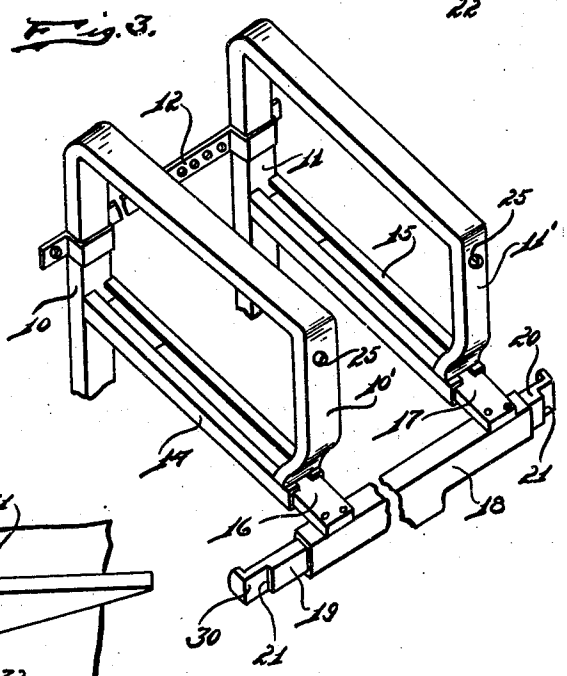
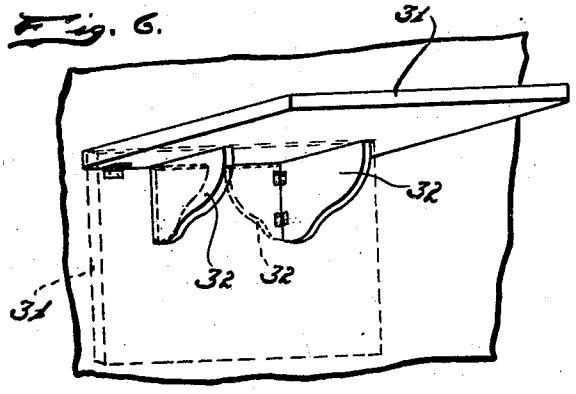


Fig. 6.



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UNITED STATES PATENT OFFICE

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TABLE

Application filed October 29, 1928. Serial No. 315,653.

My invention relates to a new and useful improvement in a table, and particularly a table which may be formed through attachments to a kitchen sink or similar supporting body so that a convenient table may be provided in a kitchen and when not in use swung to a position to occupy a minimum of space.

It is an object of the invention to provide a table of this class which will be simple in structure, economical of manufacture and highly efficient in use.

Another object of the invention is the provision of a table supporting mechanism which may be easily and quickly attached in position.

Another object of the invention is the provision of a table forming leaf provided with supporting mechanism whereby the leaf may be held in operative position and easily and quickly swung to inoperative position.

Other objects will appear hereinafter.

The invention consists in the combination and arrangement of parts hereinafter described and claimed.

The invention will be best understood by a reference to the accompanying drawings which form a part of this specification and in which,

Fig. 1 is an end elevational view of the invention attached to a sink with parts broken away.

Fig. 2 is a view taken on line 2—2 of Fig. 1.

Fig. 3 is a perspective view of the supporting structure.

Fig. 4 is a perspective view of the table forming portion.

Fig. 5 is a fragmentary sectional view taken on line 5—5 of Fig. 4.

Fig. 6 is a perspective view of a modified form of the invention.

In the drawings I have illustrated the invention attached to a sink 9 which is usually provided in a kitchen, but from a description of the invention, it will appear evident, although it is preferred to mount the invention on a sink, that other supporting bodies may be used as well. I provide a supporting frame comprising a pair of spaced U-shaped members having downwardly directed legs 10 and 11, which are engaged by supporting bars 12 which serve to secure the legs 10 and 11 in engagement with the wall 13. The legs 10 and 11 are longer than the opposite legs 10′ and 11′, respectively. The ends of the legs 10′ and 11′, are secured to channel irons 14 and 15 respectively, one end of which is secured to the legs 10 and 11. Slidably mounted in the channel irons 14 and 15 are bars 16 and 17 respectively, to which is hingedly connected the cross bar 18 and in which are slidably mounted the supporting bars 19 and 20, each having a shoulder 21 formed adjacent the outer end. The table leaf 22 is hingedly connected to the supporting board 23, which is secured by bolts projected through the openings 24 and through the openings 25 to the legs 10′ and 11′. The connection between the members 22 and 23 is made by the plate 26 which is secured to the member 23 and the pin 27, which projects through the plate 26 into the member 22 adjacent its edge. Swingably connected to opposite edges of the leaf 22 are the end leaves 28 and 29. When desired these leaves may be swung downwardly into the position shown in Fig. 4 for the leaf 28. The leaf 29 illustrates the operative position of these leaves, the slidable bars 19 and 20 being movable to position for supporting the leaf 28 and the leaf 29 in the same plane as the leaf 22. These leaves 28 and 29 may be folded inwardly upon the leaf 22 as shown in Fig. 2 and engage behind the reduced portion 30 of the bars 19 and 20, so as to lock these leaves in position. When the leaf 22 is swung downwardly in the position shown in full lines in Fig. 1, this leaf will serve as an apron for the sink 9, thus serving to conceal the plumbing and other objects which may be beneath the sink.

In this way, I have provided a simple and easily assembled device of this class, which will serve to enhance the sanitary appearance of the kitchen and afford a convenience when its use is desired.

In Fig. 6 I have shown a modified form in which the leaf 31 is supported by the swingable brackets 32. It is also evident that the leaf 22 may be supported by a suitable swinging leaf if desired.

While I have illustrated and described the

preferred form of my invention, I do not wish to limit myself to the precise details of structure shown but desire to avail myself of such variations and modifications as come within the scope of the appended claims.

Having thus described my invention what I claim as new and desire to secure by Letters Patent is:

1. In a table of the class described a supporting frame; a pair of supporting arms slidably mounted on said frame; a cross bar connecting said supporting arms; and a pair of bars slidably mounted in said cross bar; a board mounted on said supporting frame; a leaf swingably mounted on said board, said supporting bars upon engagement with the under surface of said leaf, retaining the same in horizontal position; a pair of leaves, each swingably connected to one edge of said first mentioned leaf and foldable thereon, said slidably mounted bars in said cross bar adapted to engage the under surface of said pair of leaves and maintain said pair of leaves in alignment with said first mentioned leaf.

2. In a table of the class described a supporting frame; a pair of supporting arms slidably mounted on said frame; a cross bar connecting said supporting arms; and a pair of bars slidably mounted in said cross bar; a board mounted on said supporting frame; a leaf swingably mounted on said board, said supporting bars adapted to engage with the under surface of said leaf, thereby retaining the same in horizontal position; a pair of leaves, each swingably connected to one edge of said first mentioned leaf and foldable thereon, said slidably mounted bars in said cross bar adapted to engage the under surface of said pair of leaves and maintain said pair of leaves in alignment with said first mentioned leaf, each of said slidably mounted bars having a recess formed therein for engaging said pair of leaves and locking the same in folded relation on said first mentioned leaf.

In testimony whereof I have signed the foregoing specification.

WILLIAM R. THOMSON.