

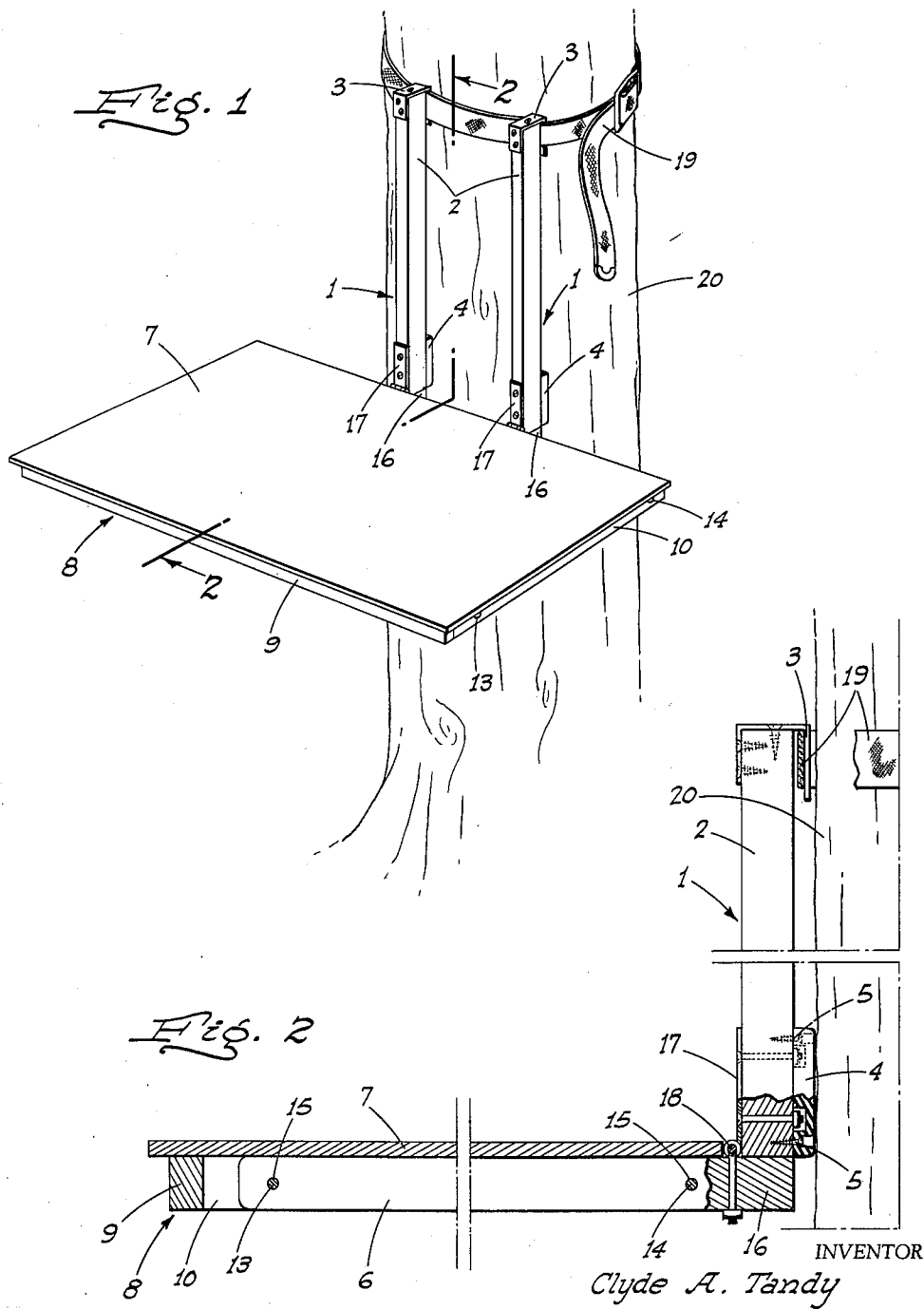
April 17, 1962

C. A. TANDY
HANGING TABLE

3,030,160

Filed Sept. 26, 1960

2 Sheets-Sheet 1



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Fig. 3

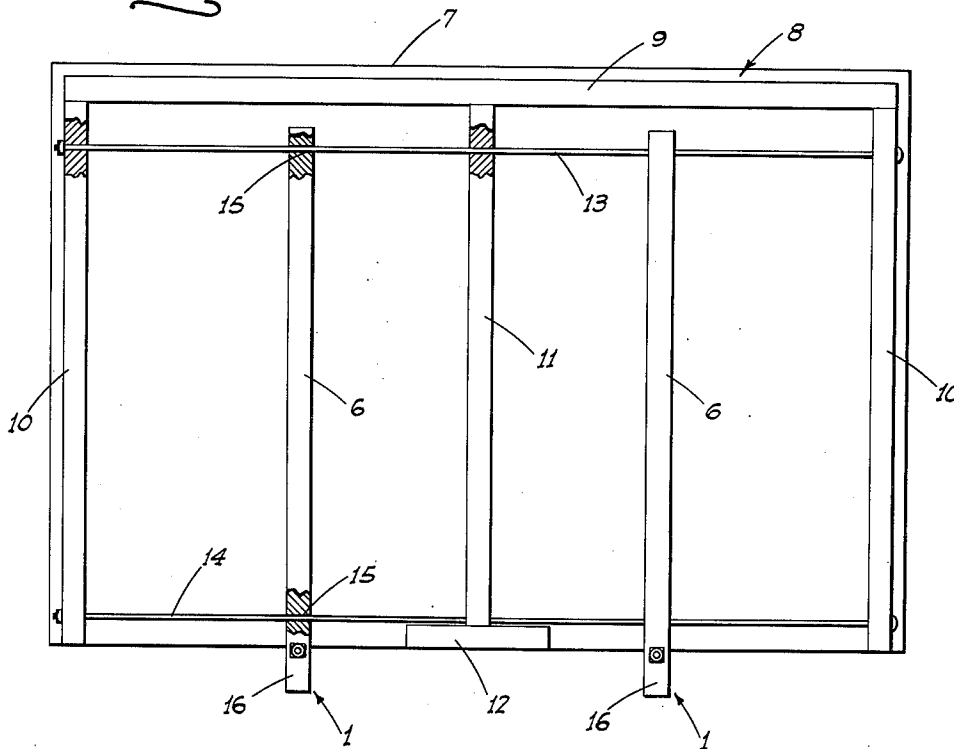


Fig. 4

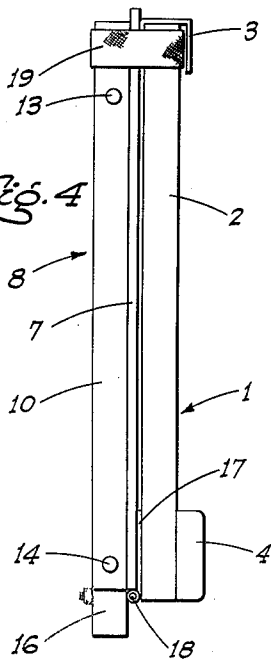
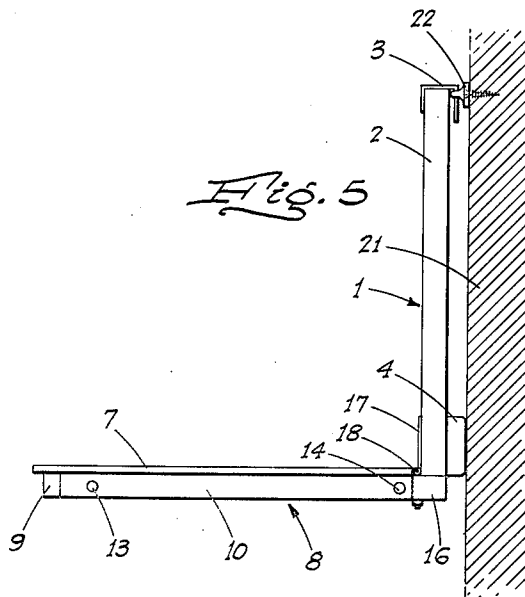


Fig. 5



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3,030,160

HANGING TABLE

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3 Claims. (Cl. 311-17)

This invention is directed to, and it is a major object to provide, a novel portable hanging table; i.e. a legless table adapted to be removably suspended at a selected height from a fixed support.

Another important object of this invention is to provide a portable hanging table which is adapted to fold into a compact unit for transport or storage; the table being of simple but sturdy construction, and when unfolded and in use being quite stable.

An additional object of the invention is to provide a hanging table, as above, which includes novel transversely spaced suspension brackets which are readily adjustable to alter the spacing thereof, and as required to properly suspend the table from any selected fixed support.

A further object of the invention is to provide a hanging table especially designed—but not limited—for use outdoors and for support, above ground, from the trunk of a tree. The table may, however, be used outdoors or indoors and suspended from any upstanding support; other examples—in addition to a tree trunk—being the side of a trailer house, a wall, a fence, or the like.

A still further object of the invention is to provide a hanging table which is a great convenience to sportsmen such as hunters and fishermen, campers, travellers, and many other desiring a portable, legless table that is lightweight, easy to suspend in place, and useful for the same purposes as a conventional table.

Still another object of the invention is to provide a practical and reliable hanging table, and one which is exceedingly effective for the purpose for which it is designed.

These objects are accomplished by means of such structure and relative arrangement of parts as will fully appear by a perusal of the following specification and claims.

In the drawings:

FIG. 1 is a perspective view of the hanging table as suspended, for use, from a tree trunk.

FIG. 2 is an enlarged sectional elevation on line 2-2 of FIG. 1, and otherwise broken away and partly in section.

FIG. 3 is an enlarged bottom plan view of the hanging table, partly in section.

FIG. 4 is an end elevation of the hanging table as folded for transport or storage.

FIG. 5 is a side elevation of the hanging table as suspended, for use, from a wall or the like.

Referring now more particularly to the drawings and to the characters of reference marked thereon, and at present to FIGS. 1-3, inclusive, the novel hanging table comprises a pair of transversely spaced, L-shaped suspension brackets indicated generally at 1.

Each such suspension bracket 1 comprises a normally upstanding suspension post 2 fitted at the upper end with a rearwardly extending, downwardly opening hook 3; each post 2, at its lower end and on the rear, being provided with a bumper 4 retained in place by screws 5.

In addition to the normally upstanding suspension post 2, each bracket 1 includes a forwardly projecting, or substantially horizontal, table top supporting arm 6; the arm 6 being connected to the related post 2 in the manner hereinafter described.

A rectangular, but preferably elongated, table top 7 rests on, spans between, and extends at the ends beyond the pair of arms 6; such table top 7 being formed in unitary relation with an underframe 8.

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The underframe 8 is comprised of a front bar 9, side bars 10, and a central bar 11 disposed intermediate the side bars 10 in parallel relation thereto. The central bar 11 extends from the front bar 9 to a central rear block 12. With the foregoing arrangement of the underframe 8, the latter is open between the ends of the central rear block 12 and the corresponding side bars 10; this to permit the supporting arms 6 to lie flush against the underside of the table top 7 and to also adjust transversely.

The supporting arms 6 are transversely adjustably mounted as follows:

A front cross rod 13 and a rear cross rod 14 are secured in connection with and span between the side bars 10; such rods passing intermediate their ends through the central bar 11, and between the latter and the side bars 10, such rods are disposed in spaced relation below the underside of the table top 7. The supporting arms 6 are formed with bores 15 through which the rods 13 and 14 extend in relatively slidable relation.

As so mounted, the supporting arms 6 can be readily adjusted, by hand, to alter the transverse spacing thereof, and consequently of the suspension brackets 1.

The table top 7 terminates at its rear edge short of the rear ends of the supporting arms 6 so that rear end portions 16 of the latter are exposed and normally abut against the lower ends of the related suspension posts 2.

At the lower end and at the front thereof, each suspension post 2 is hinged to the related supporting arm 6 by a hinge 17; the pivotal axis 18 of such hinges being disposed so as to permit the suspension posts 2 to be folded downwardly onto the table top 7.

By reason of the connection of the suspension posts 2 with the supporting arms 6 in the manner described, and with the rear end portions 16 of said arms abutting the lower ends of such posts, the table top 7 is maintained horizontal when the posts 2 are in a perpendicular position.

In order to suspend the above described hanging table outdoors and from a tree trunk, as illustrated in FIG. 1, a strap 19 is buckled about the tree trunk 20 a distance aboveground. Thereafter, the hooks 3, at the upper ends of the suspension brackets 1, are engaged over the strap 19; such brackets 1 being adjusted as to the transverse spacing thereof so that the hooks 3 and the bumpers 4 bear against the trunk at sufficiently widely spaced points to assure of lateral stability of the table. Also, the bumpers serve to maintain the posts 2 perpendicular by compensating for the distance that the hooks 3 extend rearwardly from the posts 2.

In FIG. 4, the hanging table is shown as folded for transport or storage, and as disposed in a vertical position. As so folded, the posts 2 lie closely adjacent and parallel to the table top 7; the posts being maintained in folded position by encircling the strap 19 about such posts and the table top 7 in the zone of the hooks 3.

In FIG. 5, the hanging table is illustrated in end elevation as suspended, for use, from a wall 21, or the like. Here, the hooks 3 are each engaged in a hanger 22 permanently attached to said wall 21.

With each hook 3 engaged in the corresponding hanger 22, the related bumper bears against the wall 21 in order to maintain the table top 7 in the desired horizontal position.

From the foregoing description it will be readily seen that there has been produced such a hanging table as substantially fulfills the objects of the invention, as set forth herein.

While this specification sets forth in detail the present and preferred construction of the hanging table, still in practice such deviations from such detail may be resorted

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to as do not form a departure from the spirit of the invention, as defined by the appended claims.

Having thus described the invention, the following is claimed as new and useful and upon which Letters Patent is desired:

1. A hanging table comprising a table top, a pair of spaced L-shaped normally rigid suspension brackets for the table top, each bracket comprising a suspension post normally upstanding from immediately back of the table top, an arm projecting forwardly under and supporting the table top intermediate its ends, and a hinge connection between the arm and post arranged to enable the post to be folded down and over the table top and to then lie against the upper surface of the table top; the post at its upper end having a rearwardly facing hook to engage over an element detachably supported from a fixed object whereby to then suspend the table top from said object in suspended relation; said element being a flexible strap adapted when detached from said fixed object to be detachably disposed about the table top and the folded posts to prevent the same from unfolding.

2. A hanging table comprising a table top having a straight rear edge, a pair of spaced L-shaped normally rigid suspension brackets for the table top, each bracket comprising a suspension post upstanding from immediately back of the rear edge of the table top, an arm projecting forwardly under and supporting the table top intermediate its ends, the posts at their upper ends each

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having an element for supporting engagement with a fixed object, and a pair of horizontally spaced rods under the table top in spaced and parallel relation to the table top and to the rear edge thereof and projecting through the arms in relatively slidable relation; the rods at their ends being secured to the table top.

3. A hanging table, as in claim 2, in which the upper edges of the arms are transversely flat and engage the under side of the table top in slidable relation.

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