Jan. 26, 1960 H. M. CULBERTSON 2,922,529

CAMP STOVE ATTACHED TABLE

Filed Aug. 1, 1957 2 Sheets-Sheet 1

Fig. 1

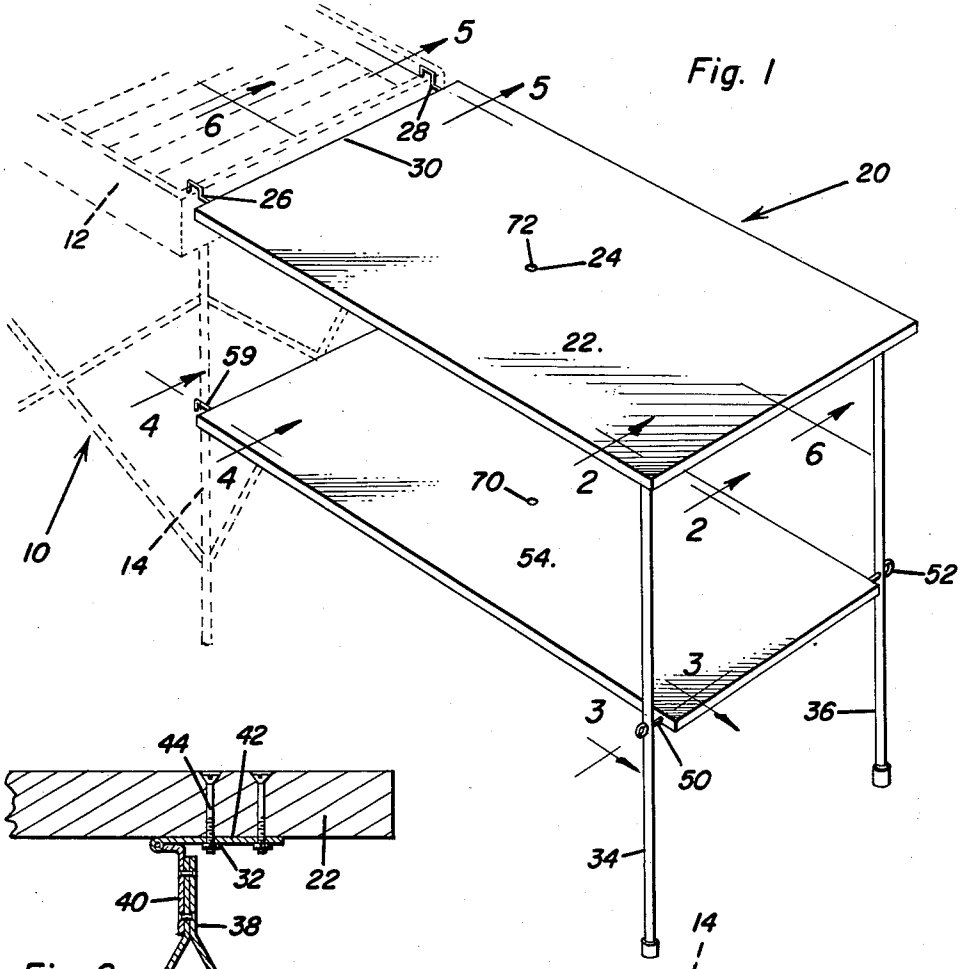


Fig. 2

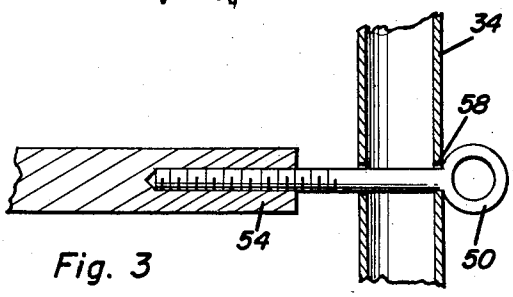


Fig. 3

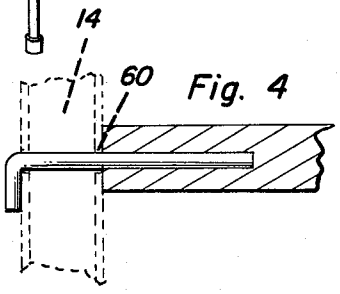


Fig. 4

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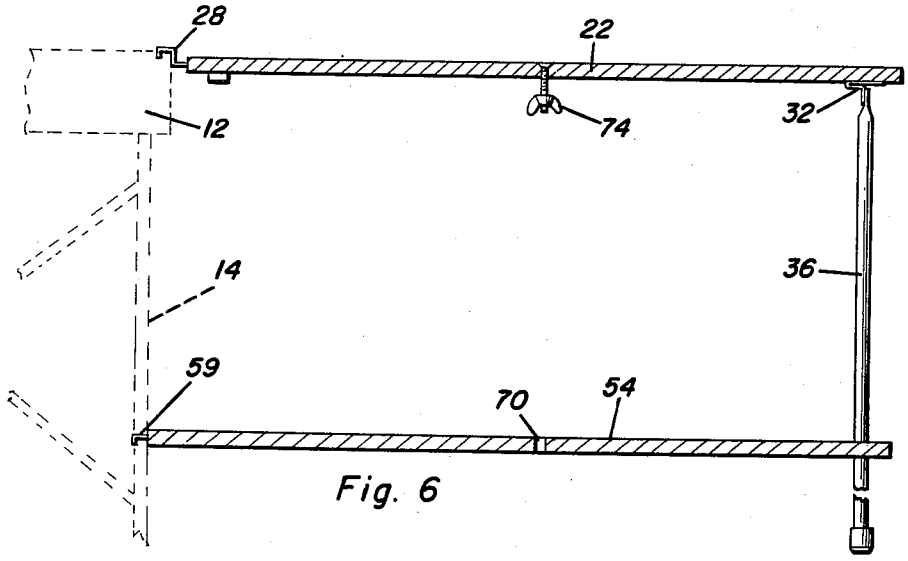


Fig. 6

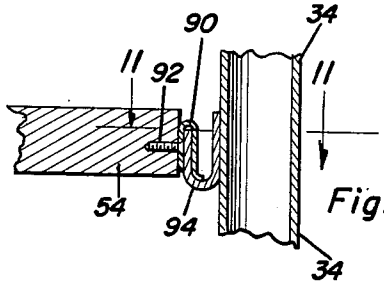


Fig. 10

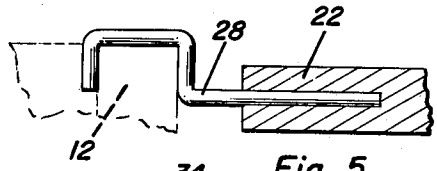


Fig. 5

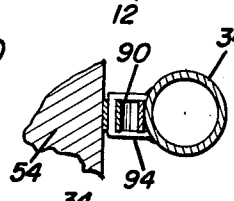


Fig. 11

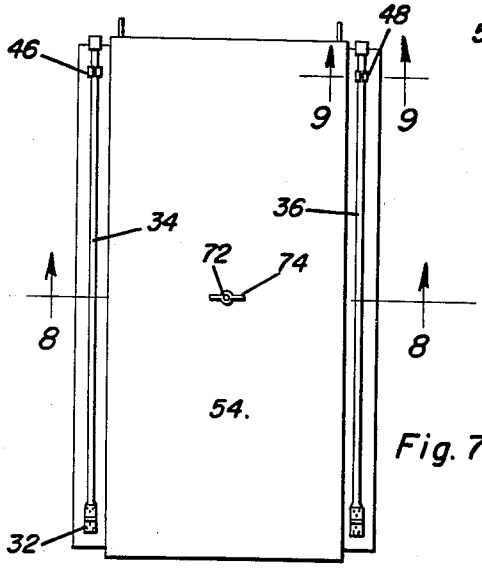


Fig. 7

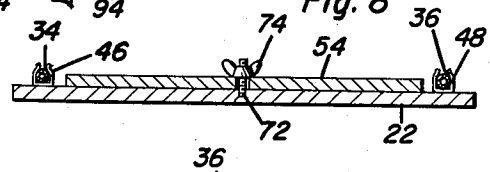


Fig. 8

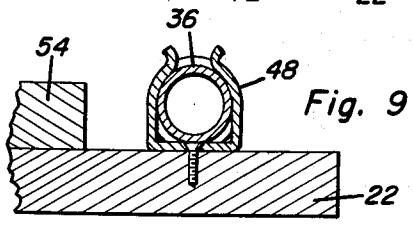


Fig. 9

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2,922,529

CAMP STOVE ATTACHED TABLE

Harold M. Culbertson, Anaheim, Calif.

Application August 1, 1957, Serial No. 675,627

3 Claims. (Cl. 211—93)

This invention relates to a class of furniture and more particularly to a novel collapsible table adapted to be attached to a camp stove.

The primary object of the present invention resides in the provision of a camp stove attached table which can be set up very quickly and easily while being capable of being folded compactly and being easy to store taking up very little space thereby being especially adaptable for camping trips and the like.

A further object of the present invention resides in the provision of a collapsible table capable of being used for various purposes such as to prepare meals, wash dishes, use the lower shelf thereof to store foodstuffs, dishwashing materials and the like while being readily adaptable to be used to eat upon.

Still further objects and features of this invention reside in the provision of a camp stove attached table that is of simple construction, having relatively few parts, and which may be collapsed and held in the collapsed position by means of a single fastener.

These, together with the various ancillary objects and features of the invention which will become apparent as the following description proceeds, are attained by this camp stove attached table, preferred embodiments of the parts thereof being shown in the accompanying drawings, by way of example only, wherein:

Figure 1 is a perspective view of the camp stove attached table comprising the present invention;

Figure 2 is a vertical sectional detail view on an enlarged scale as taken along the plane of line 2—2 of Figure 1 illustrating the hinge connection between the legs and the table top;

Figure 3 is a sectional detail view as taken along the plane of line 3—3 in Figure 1 showing on an enlarged scale the connection between the shelf and the leg;

Figure 4 is a sectional detail view as taken along the plane of line 4—4 in Figure 1 illustrating on an enlarged scale the manner for supporting the shelf on the leg of the camp stove;

Figure 5 is a sectional detail view on an enlarged scale as taken along the plane of line 5—5 of Figure 1 illustrating the hooks affixed to the table top;

Figure 6 is a longitudinal sectional view as taken along the plane of line 6—6 in Figure 1 illustrating the construction of various components of the invention;

Figure 7 is a plane view in a reduced scale of the invention shown collapsed;

Figure 8 is an enlarged sectional detail view as taken along the plane of line 8—8 in Figure 7;

Figure 9 is a sectional detail view as taken along the plane of line 9—9 of Figure 7;

Figure 10 is a sectional detail view illustrating a modified form of the invention illustrating the attachment between the camp stove leg and the shelf; and

Figure 11 is a sectional detail view as taken along the plane of line 11—11 of Figure 10.

With continuing reference to the accompanying drawings wherein like reference numerals designate similar

parts throughout the various views, reference numeral 10 generally designates the camp stove having a top 12 of any suitable configuration preferably provided with a peripheral frame and having supports 14 such as legs or the like. The camp stove attached table comprising the present invention generally designated by the reference numeral 20 includes a table top 22 formed of wood, metal or plastic, having a hole 24 through the center thereof and having hooks 26 and 28 screwed, bolted or riveted to the table top 22 and extending from the end 30 of the top 22 adjacent the stove 10.

By means of hinges 32, legs 34 and 36 are hingedly connected to the table top 22. The upper ends of the legs 34 and 36 may be joined together and held by rivets as at 38 to the L-shaped hinge leaf 40 of the hinge 32. The other hinge leaves 42 of the hinges 32 are bolted to the table top 22 by means of countersunk bolts 44. It is noted that when metal or plastics are utilized in the invention, in lieu of bolting or other fasteners, the hinge leaves may be welded or fused to the material of the table top 22. Because of the L-shaped construction of the hinge leaf 40, the legs 34 and 36 may be pivoted as can be best seen in Figure 7 so as to lie and rest against the underside of the table top 22 with the ends of the legs remote from the hinges being received in clips as at 46 and 48. These clips will retain the legs in the collapsed position.

By means of eye-bolts 50 and 52 a shelf 54 of wood, metal, or plastic is pivotally attached to the legs 34 and 36 with the eye-bolts extending through apertures as at 58 in the legs and the eye-bolts being threaded in bores formed in the shelf 54. The other end of the shelf 54 has hooks as at 59 affixed thereto by any suitable means as embedding, fusing, welding or other types of fastening. These hooks as can be seen best in Figure 4 are adapted to extend through apertures or holes 60 in the legs 14. This serves to rigidify the entire arrangement inasmuch as the hooks 26 which engage the table top 12 and the hooks 59 which engage the legs 14 provide rigid connection at the ends of the table for supporting the table remote from the legs 34 and 36.

The shelf 54 has an aperture 70 therethrough which is aligned with the aperture 24 so that a bolt 72 may be utilized to connect the shelf 54 to the underside of the table top 22 between the legs 34 and 36 which are folded as can be best seen in Figure 7. The bolt may be provided with a wing nut 74.

It is noted that the shelf 54 is not as wide as the table top so as to fit readily between the legs when they are folded. Further, it is noted that because of the particular arrangement of parts, the camp stove top 12 extends beyond the legs 14 rendering it desirable for the shelf 54 to be of greater dimension and length than the table top 22.

It is to be noted that the table top may be of plywood, metal, plastic, pressed wood, with light aluminum tubing legs. Further, any suitable connections may of course be provided between the various elements that will enable it to function as heretofore defined.

In Figures 10 and 11 there is shown a modified form of the connection between the shelf 54 and the legs 34, 36 which includes a substantially U-shaped clip 90 screwed or otherwise fixed as at 92 to the shelf 54 which is engageable within a retainer of cup-shape, forming a non-slip clip 94.

The foregoing is considered as illustrative only of the principles of the invention. Further, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction and operation shown and described, and accordingly all suitable modifications and equivalents may be resorted to, falling within the scope of the invention as claimed.

What is claimed as new is as follows:

1. A table for use in combination with a camp stove, said camp stove having a top supported by a pair of spaced supports, said table including a rectangular table top having an end adjacent said camp stove top and provided on its opposite end with a pair of legs, hooks secured to said end of said table top and engaging said camp stove top, hinges hingedly connecting said legs to said table top at the end thereof remote from said camp stove top, a shelf disposed beneath said table top and between said legs, means detachably connecting said shelf to said legs, and hooks secured to said shelf, said supports having aperture therethrough, said hooks secured to said shelf extending through said apertures and engaging said supports, said table top and said shelf having aligned holes therethrough for allowing a bolt carried by said table top to be passed therethrough to hold said shelf against said table top in a collapsed position.

2. A table for use in combination with a camp stove, said camp stove having a top supported by a pair of spaced supports, said table including a rectangular table top having an end adjacent said camp stove top and provided on its opposite end with a pair of legs, hooks secured to said end of said table top and engaging said camp stove top, hinges hingedly connecting said legs to said table top at the end thereof remote from said camp stove top, a shelf disposed beneath said table top and between said legs, means detachably connecting said shelf to said legs, and hooks secured to said shelf, said supports having apertures therethrough, said hooks secured to said shelf extending through said apertures and engaging said supports, said table top and said shelf having aligned holes therethrough for allowing a bolt carried by said table top to be passed therethrough to hold said shelf against said table top in a collapsed position, said hinges including leaves of substantially L-shape to permit said legs to be folded aganist said table top with said shelf being disposed between said legs.

3. A table for use in combination with a camp stove, said camp stove having a top and supporting structure therebeneath, said table including a rectangular table top having an end adjacent said camp stove top and provided thereat with means for attachment to the camp stove top and with a pair of legs depending from the corners remote from said end such that said legs support the table top at one end while the camp stove supports the table top at the other end, means hingedly securing said legs to said table top for folding upwardly against the under surface of the table top, a shelf disposed beneath said table top, said shelf being substantially coextensive in length with said table top but of slightly narrower dimension so as to extend between said legs, means detachably connecting said shelf to said legs, means for securing the opposite end of said shelf to said support structure such that the shelf retains said legs in rigid, supporting position, and a bolt carried by the table top and receivable in an aperture formed in said shelf whereby the shelf upon detachment from said legs and from said supporting structure may be secured against the underside of the table top between the folded legs.

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