April 20, 1926. 1,581,180

J. CSAJAGHY ET AL

TENT

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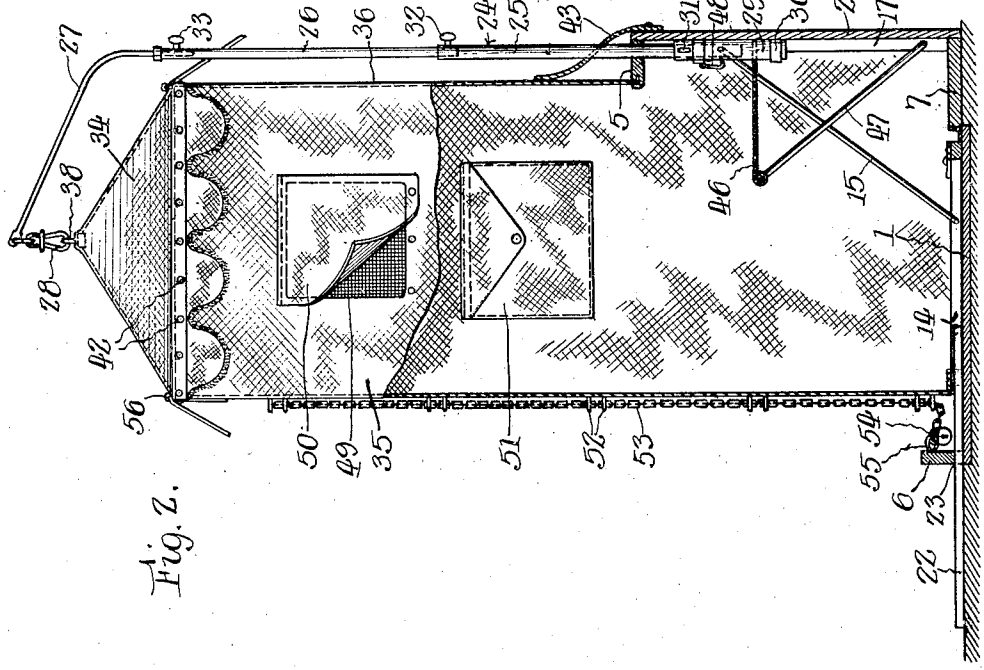


Fig. 2.

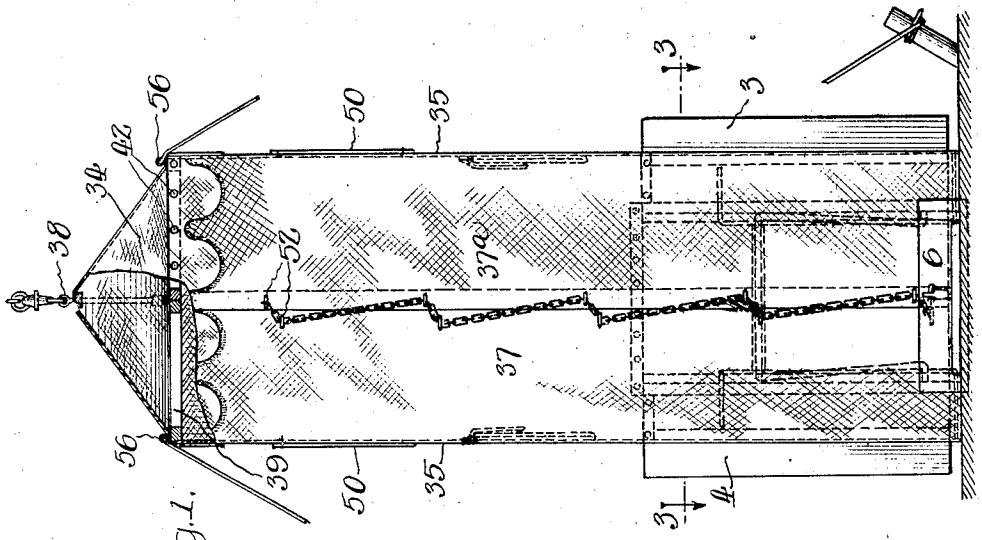


Fig. 1.

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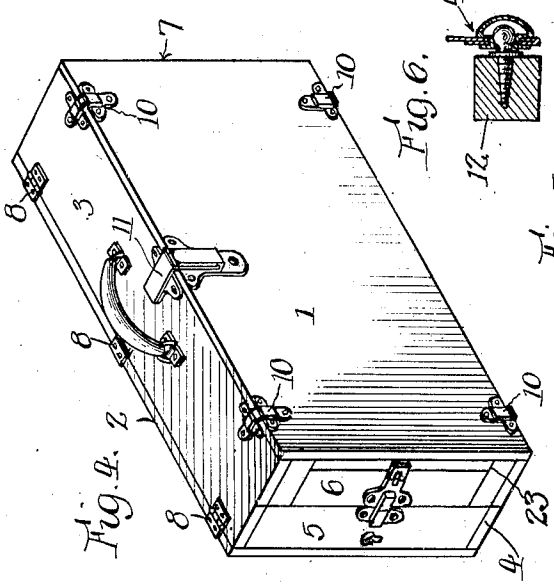


Fig. 4.

Fig. 6.

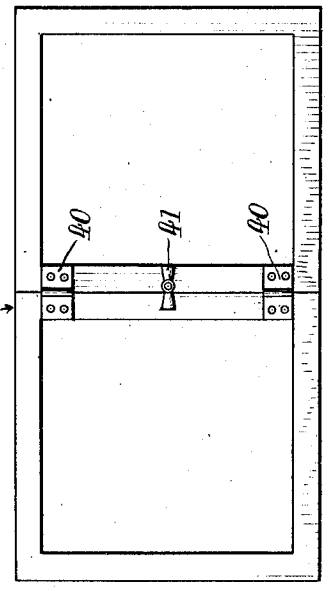


Fig. 5.

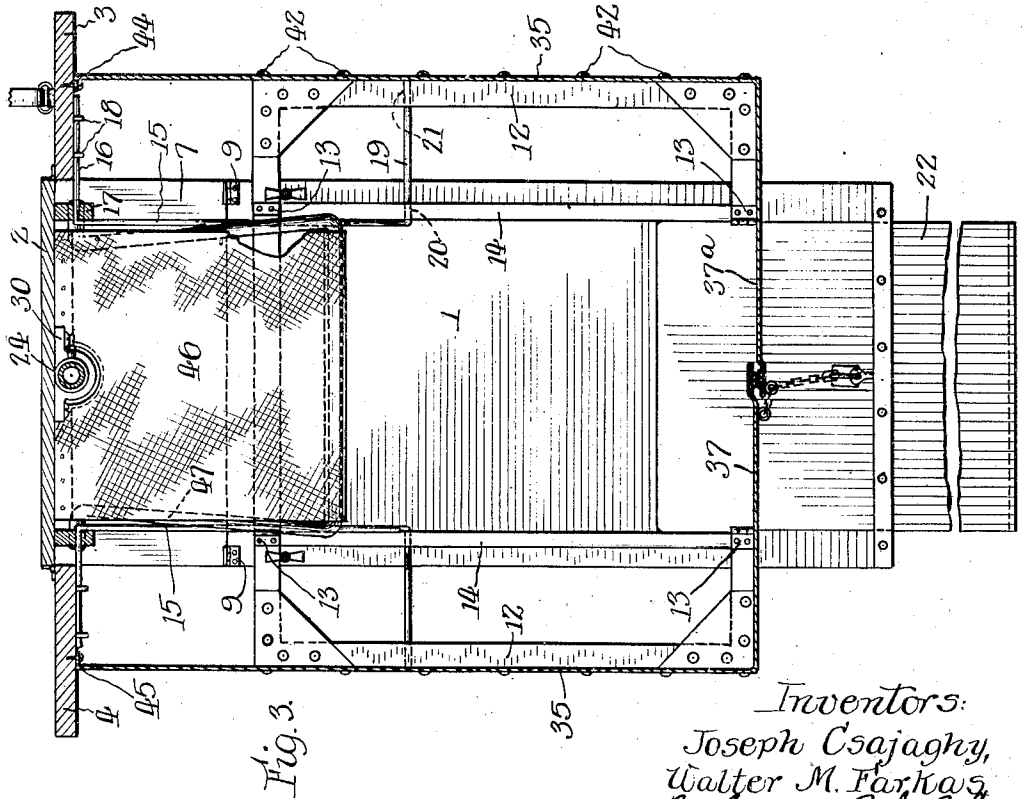


Fig. 3.

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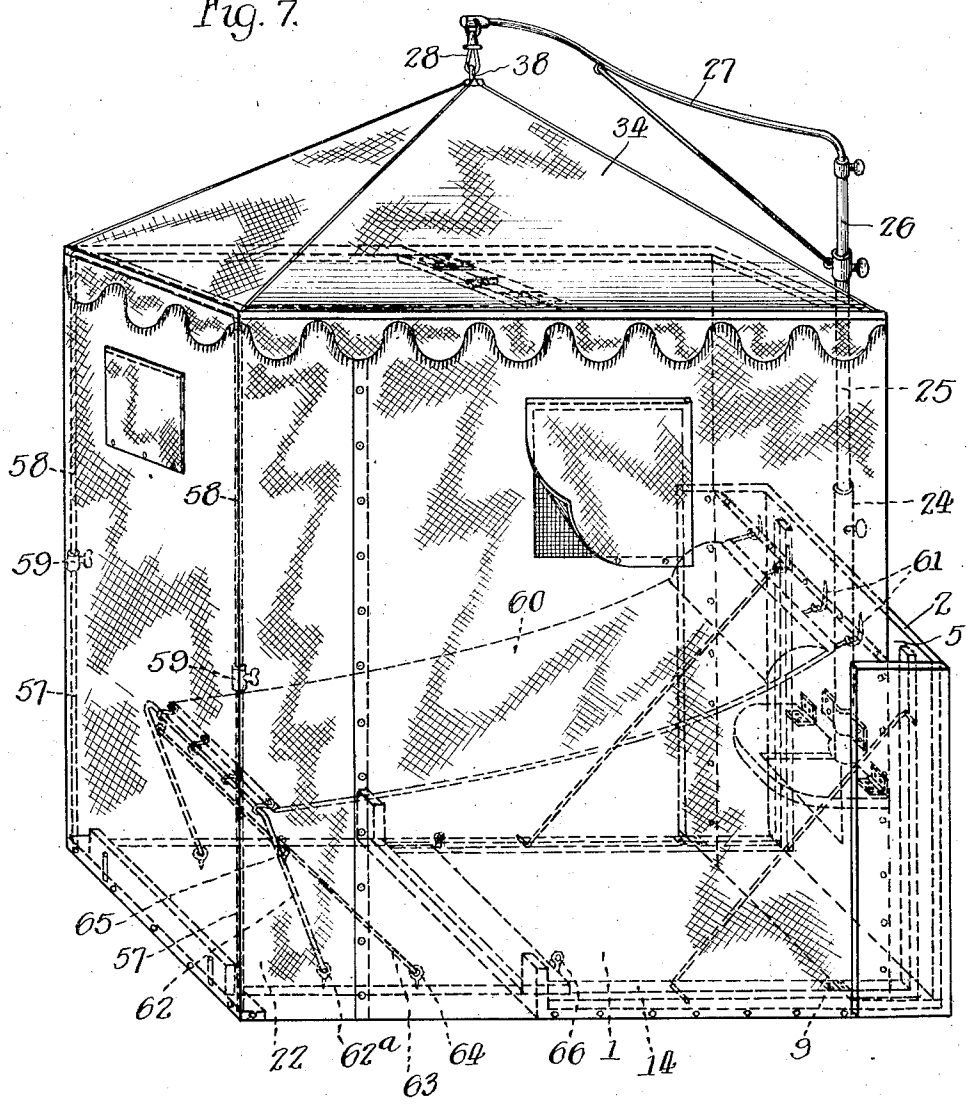
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Fig. 7.



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UNITED STATES PATENT OFFICE.

JOSEPH CSAJAGHY AND WALTER M. FARKAS, OF CHICAGO, ILLINOIS.

TENT.

Application filed September 16, 1925. Serial No. 56,578.

To all whom it may concern:

Be it known that we, JOSEPH CSAJAGHY and WALTER M. FARKAS, citizens of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Tent, of which the following is a specification.

More particularly the invention relates to a portable tent, the general object of the invention being to provide a collapsible tent and a carrying case therefor which may be used as a part of the tent, the case being of a size readily portable, and preferably similar in size to an ordinary suit case.

Another object of the invention is to provide a collapsible tent and a carrying case therefor adapted to support the tent when the tent is erected.

In pursuance of the foregoing objects, we aim to provide a tent and a carrying case, the sides of the case being adpted to fold outwardly to form the lower portion of the tent and being further adapted to provide a support for the upper portions of the tent.

Further objects and advantages of the invention will become apparent from the following detailed description taken in connection with the accompanying drawings, in which:

Figure 1 is a front elevation partly in section of one form of the invention when erected.

Fig. 2 is a side view thereof partly in section.

Fig. 3 is a sectional view along the line 3—3 of Fig. 1.

Fig. 4 is a perspective view of the carrying case.

Fig. 5 is a plan view of the top frame.

Fig. 6 is an enlarged view of a fastener.

Fig. 7 is a perspective view of a modified form of the invention.

While we have shown in the drawings and will herein describe in detail the preferred embodiment of our invention, it is to be understood that we do not thereby intend to limit the invention to the specific form disclosed, but aim to cover all modifications and alternative constructions falling within the spirit and scope of the invention as expressed in the appended claims.

In the exemplary form illustrated in Figs. 1 to 6, the invention comprises generally a carrying case having hinged sides adapted to fold outwardly to form the floor and a lower portion of one side of the tent, an extensible pole supported in said side portion and a canvas or other flexible covering suspended from the pole and adapted to form an enclosure overlying the floor.

Referring more particularly to Fig. 4, the carrying case comprises sides 1 and 2, a top portion 3, a bottom 4, a split end having portions 5 and 6 and a solid end 7; the top 3 and bottom 4 being suitably hinged to the side 2, (the hinges for the top being shown at 8) and the end 7 likewise hinged, internally, to the side 1 at 9. Suitable clasps 10 and 11 are adapted to secure the case closed.

As illustrated in Figs. 1 to 3, when the case is opened after releasing the clasps 10 and 11, the side 1 forms the major portion of the floor, the end 7 and side 2, which are rigidly secured together at right angles, are folded outwardly, the end 7 forming the rear portion of the floor and the side 2 the lower portion of the rear side of the tent. The top 3 and bottom 4 which are hinged respectively to the opposite edges of the side 2 are folded outwardly to the plane of the said side to increase the width thereof. A pair of U-shaped frames 12 hinged as at 13 to reinforcing ribs 14 along the edges of the side 1 are adapted to fold inwardly when the case is closed, and outwardly as viewed in Fig. 3 to similarly enlarge the floor of the tent when the tent is erected. These hinged sides of the case and the frames 12 may be supported in their outwardly folded positions by any suitable means, the preferred means herein shown comprising rods 15 which are bent U-shaped and have portions 16 (Fig. 3) adapted to enter through horizontal apertures in longitudinal ribs 17 on the side 2 and eye bolts 18 secured to the top 3 and bottom 4, similarly bent portions 19 on the opposite ends of rods being adapted to enter apertures 20 in the ribs 14 on the side 1 and apertures 21 in the outer sides of the frames 12.

An extension may also be provided forward of the tent to increase its stability in a front to back direction, herein being shown a board 22 slidable on the top surface of the floor 1 and through an aperture 23 in the end portion 6.

As hereinbefore mentioned, the invention comprises also a canvas or other flexible

covering supported from the unfolded case by means of an extensible pole. This pole, designated generally as 24 consists of telescoping sections 25 and 26, an arm portion 27 and a snap hook 28. The lower section 25 is adjustable longitudinally in a tubular bearing member 29 which is of substantial length and is rigidly secured in a vertical position centrally of the side portion 2 by straps 30. A thumb screw 31 in threaded engagement with the tube 29 is adapted to hold the section 25 in its adjusted position. Similarly, thumb screws 32 and 33 are provided in the sections 25 and 26 respectively to hold the section 26 and arm 27 in their extended positions.

The tent may be of various forms, the preferred form embodying a covering of canvas or other suitable flexible material, rectangular in section similar to the floor and comprising a pyramidally shaped top 34, sides 35, back 36 and front portions 37 and 37ª. The top portion 34 has an eye 38 at the apex thereof adapted to be suspended from the snap hook 28 hung from the outer end of the arm 27. A rectangular frame 39 suitably fastened to the lower edge of this top 34 is adapted to shape the lower edge of the top and to provide a support for the canvas sides of the tent. This frame is preferably hinged centrally thereof as at 40 so that the frame may be collapsed to fit within the case, a turn button 41 being provided to secure the frame in its expanded form.

When the tent is erected, the canvas sides are preferably hung from the top frame 34 as by means of suitable fasteners 42 such, for example, as those illustrated in Fig. 6. The lower edge of the back 36 is similarly fastened to the inner edge of the portion 5 of the case, a flap 43 being provided overlapping the case to prevent leakage. The lower edges of the sides 35 are fastened in a similar manner to the outer edges of the frames 12 and at 44 and 45 to the portions 3 and 4 of the case.

A seat 46 may be secured to the case side 2 as shown in Figs. 2 and 3, the seat illustrated being of flexible material with one edge secured to the case and the outer edge supported by a U-shaped metal frame 47 having its opposite ends bent at right angles and pivoted in the ribs 17. The seat is thus adapted to be folded against the side 2 and to be secured in that position by a hook 48.

In the form illustrated the sides of the tent are provided with screened windows 49 having closures 50 and also with pockets 51 adapted to conveniently receive dressing articles. The front portions 37 and 37ª of the canvas covering have eyelets 52 spaced alternately along the adjacent edges thereof which eyelets are adapted to receive a cord or chain 53 threaded therethrough so that the tent may be locked closed as by means of a padlock 54 securing the end of the chain to an eyebolt 55 anchored in the portion 6 of the case.

It will be apparent from the foregoing that the tent as herein described is adapted to be self-supporting. However, provision may be made for additional supports such as guy ropes by providing eye bolts 56 anchored in the frame 34.

Assuming the tent to be erected as shown in Figs. 1 to 3, it may be collapsed readily and quickly and enclosed in the carrying case by the following operations in sequence: Unfastening the padlock 54 and chain 53; removing the guy ropes; hooking the seat 46 in its folded position against the side 2; unfastening the canvas covering from the case; collapsing the pole sections 25 and 26 into the tube 29; removing the arm 27 and the canvas covering from the pole; removing the brace rods 15; sliding the board 22 into the case; folding inwardly the frames 12; collapsing the top frame 39 and folding the canvas covering to fit within the case; placing the canvas covering with the top frame 39, the arm 25, the lock and chain, the guy ropes and the rods 15 within the case; folding inwardly the edges 3 and 4 and the side 2 and securing the sides in this closed relation by locking the clasps 10 and 11.

To erect the tent the above operations are reversed and in the reverse sequence.

Fig. 7 illustrates a modified form of the invention embodying means to support a hammock. Herein the flexible tent portion is shown supported in a manner similar to that illustrated in Figs. 1 to 5, i. e., by means of an extensible pole 24 mounted on the case side 2. The flexible portion is preferably larger, however, overlying the entire case side 1 and sliding board 22 and has its forward edge supported by means of metal rods 57 and 58 suitably anchored in the board 22 and frame 39 respectively and detachably secured together by means of connectors 59.

A hammock 60 may be hung between supporting means comprising a series of hooks 61 attached to the case side 5 and an inverted U-shaped frame 62 pivoted to the board 22 in eyebolts 62ª and secured in an upright position by means of hooked rods 63 suitably anchored as at 64 in the board 22 and having their hooked ends adapted to enter eyes 65 in the said U-frame.

As the case for this form is somewhat larger than that shown in Figs. 1 to 5, the top and bottom are formed rigid with the side 2 and the frames 12 are omitted, the covering being fastened directly to the case sides and the board 22. Detachable pegs 66 are adapted to fit in suitably positioned apertures in the floor ribs 14 to retain the board 22 in its outward position.

From the foregoing it will be apparent that we have provided a collapsible tent of

new and improved construction, the tent being collapsible in a case of a size readily portable which is adapted to form a portion of the tent when erected, and which serves to support the erected tent when placed on substantially level ground.

We claim as our invention:

1. A portable tent comprising, in combination, a carrying case having hinged portions, one side and an end of the case being adapted to form a floor for the tent, another side of the case being adapted to form a portion of one side of the tent, a pair of frames hinged to said first mentioned side and adapted to swing outwardly to increase the width of the floor, the top and bottom of the case being hinged to said second side and adapted to swing outwardly to increase the width of said second side, means to hold said parts in said relative positions, an extensible pole adjustable in a vertical bearing in said side portion of the tent, an arm supported at the upper end of said pole and extending over the floor, and a flexible covering adapted to be suspended from said arm, said covering comprising a top portion, a collapsible frame within said top portion, and integral side portions hung from said frame to form a closure above said floor.

2. A portable tent having in combination, a carrying case comprising a pair of sides, a top, a bottom and two ends, one of said sides and one end being adapted to form a floor for the tent, the other side and the top and bottom being adapted to form a portion of the side of the tent, means to secure said parts of the case in such unfolded relation, an extensible pole, means on said side portion slidably supporting said pole, a flexible covering suspended from said pole above said floor, said pole and covering being demountable to fit in said case, and means to secure the walls of said case in closed relation around said parts.

3. A portable tent comprising, in combination, a carrying case unfoldable to form the floor and a side portion of the tent and adapted when folded to contain the entire tent, an extensible pole supported permanently but slidably in said case, and an open canvas bag adapted to be hung in an inverted position from said pole to form a closure above said floor.

4. A portable tent comprising, in combination, a tent body, a carrying case having hinged portions, one side of the case being adapted to form a floor for the tent, another side of the case being adapted to form a portion of the side of the tent, means secured to said side forming the floor extensible to enlarge the floor, means to hold said parts in said relative positions, and a support extending upwardly from said case to support said tent body.

5. A portable tent comprising, in combination, a flexible body, a support therefor, a carrying case unfoldable to form the floor of the tent and adapted when folded to contain the entire tent, and means extensible when the said case is open to enlarge said floor, said support comprising an extensible pole permanently carried by said case.

6. A portable tent comprising, in combination, a canvas tent body, supporting means therefor, a carrying case adapted to contain said parts, said carrying case being unfoldable to form the floor and part of the side of the tent, and means extensible from the said floor when the case is open to anchor the lower portion of the tent body.

7. A portable tent comprising, in combination, a carrying case, a flexible tent body, and means to support said tent body on said carrying case comprising a bearing member rigid with the interior of the case and an extensible pole permanently but slidably mounted in said bearing member.

In testimony whereof we have hereunto affixed our signatures.

JOSEPH CSAJAGHY.
WALTER M. FARKAS.