J. LAJCAK.

CAMP KIT.

APPLICATION FILED FEB. 16, 1915.

1,145,691.

Patented July 6, 1915.

3 SHEETS—SHEET 1.

Fig. 1.

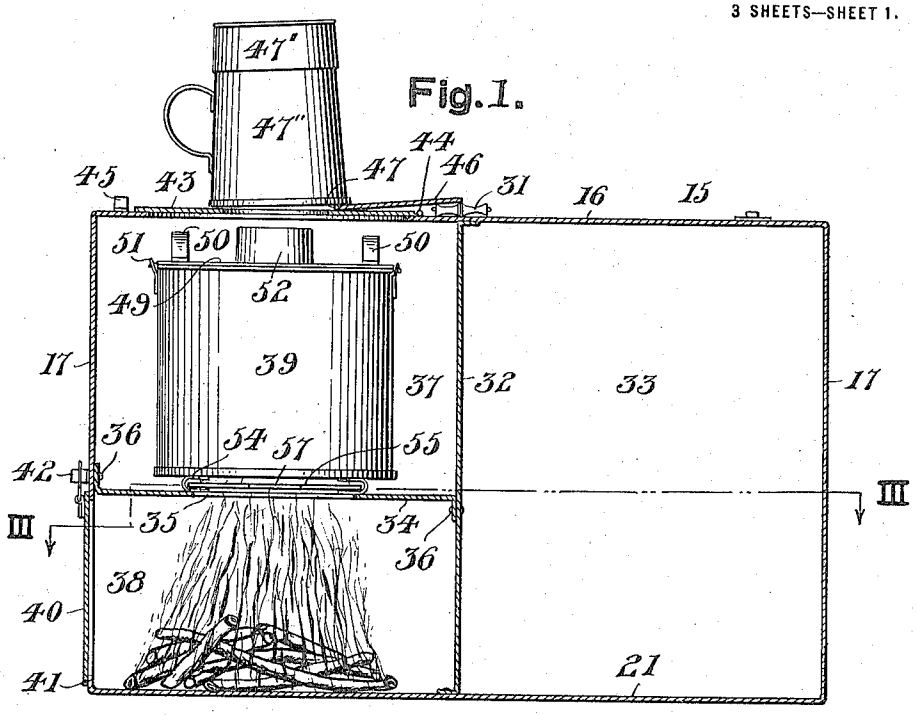
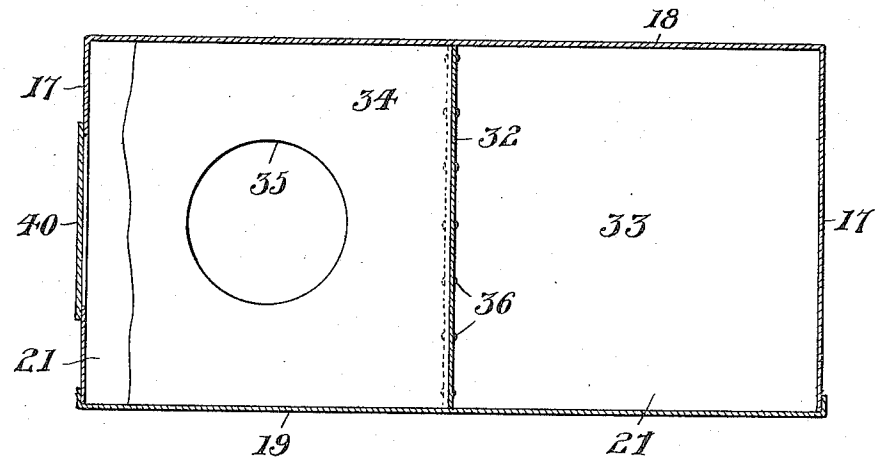


Fig. 2.



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Witnesses

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3 SHEETS—SHEET 2

Fig. 3.

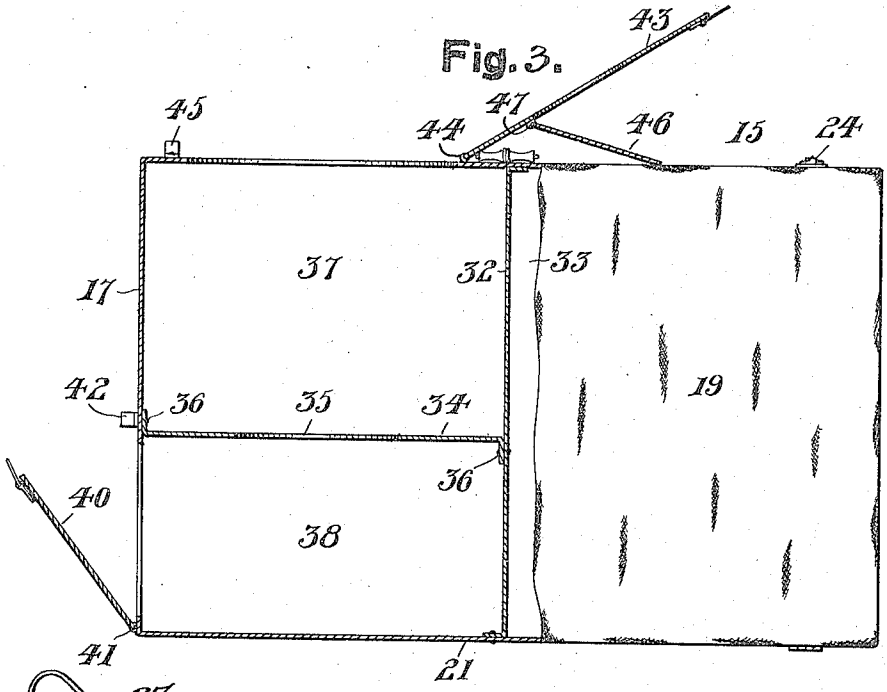


Fig. 4.

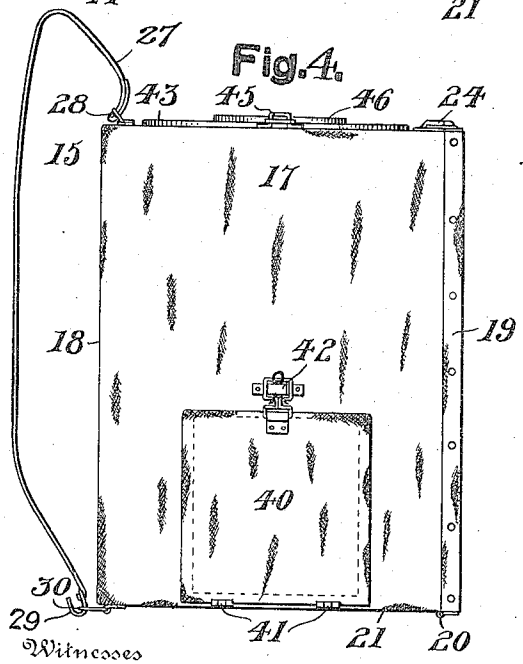
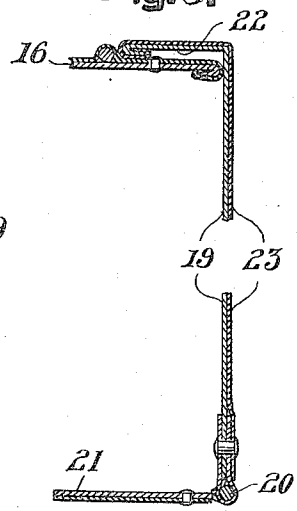


Fig. 5.



Witnesses

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3 SHEETS—SHEET 3.

Fig. 6.

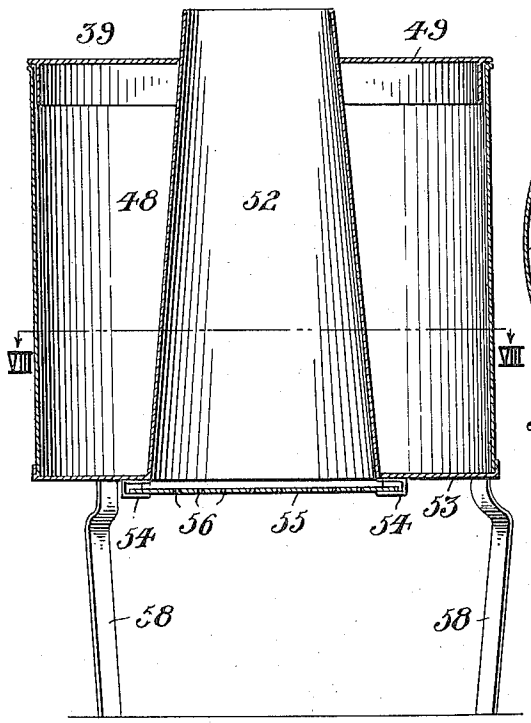


Fig. 7.

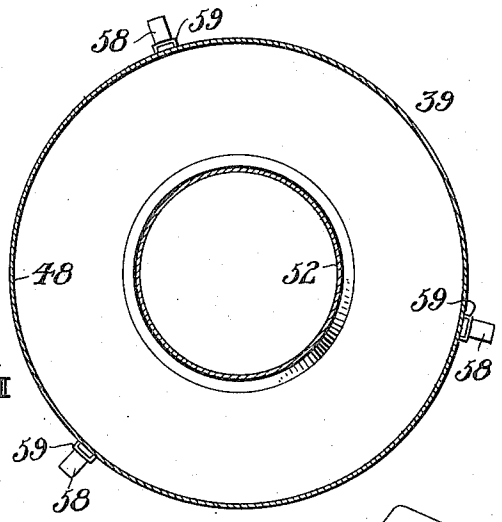


Fig. 8.

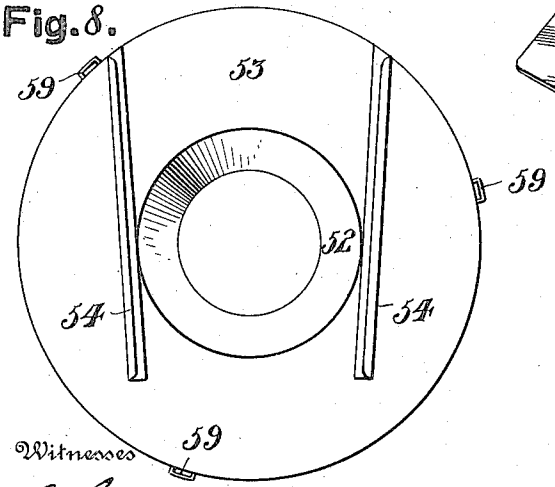


Fig. 9.

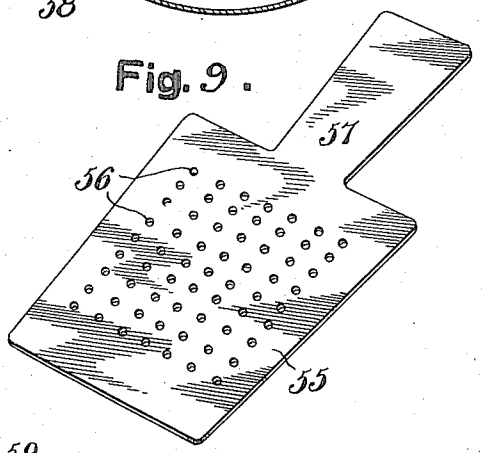
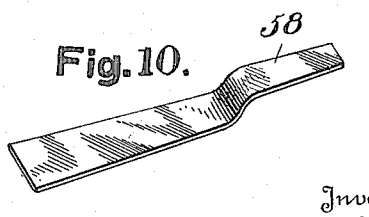


Fig. 10.



Witnesses

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UNITED STATES PATENT OFFICE.

JOSEPH LAJCAK, OF GUNN, WYOMING.

CAMP KIT.

1,145,691. Specification of Letters Patent. Patented July 6, 1915.

Application filed February 16, 1915. Serial No. 8,610.

To all whom it may concern:

Be it known that I, JOSEPH LAJCAK, a subject of the Emperor of Austria-Hungary, residing at Gunn, in the county of Sweetwater and State of Wyoming, have invented certain new and useful Improvements in Camp Kits, of which the following is a specification.

This invention relates to certain new and useful improvements in camp kits.

An object of the present invention is to provide a camp kit in the form of a carrying receptacle with suitable compartments for cooking utensils and food stuffs, the same being water-proof for the safe keeping of articles contained therein.

A further object of the present invention is to provide a camp kit in the form of a receptacle that is divided into suitable compartments including a fire chamber and cooking section, and in which injury to the kit is obviated by the special material from which the same is constructed.

A still further object of the invention is to provide a camp kit including a cooking section and in which the cover is provided with a double hinged section to facilitate the cooking of more than one article at the same time, and to further provide a kit with a compartment adjacent the cooking section that may be utilized as a bake oven.

With the above general objects in view and others that will appear as the nature of the invention is better understood, the same consists in the novel construction, combination and arrangement of parts to be hereinafter more fully described and then claimed.

In the accompanying drawings which show the preferred embodiment of the present invention and to which reference is had herein by like characters designating corresponding parts throughout the several views:—Figure 1 is a vertical longitudinal sectional view of the camp kit, illustrating a fire in the cooking section and further illustrating cooking utensils in operating position. Fig. 2 is a horizontal sectional view taken on line III—III of Fig. 1. Fig. 3 is a side elevational view with the cooking section shown in section and with the fire pot door and cooking compartment cover partially opened. Fig. 4 is an end elevational view of the same illustrating the draft door to the fire box. Fig. 5 is a sectional view of a portion of the kit illustrating the hinged front section with the overlapping upper edge. Fig. 6 is a vertical sectional view of one of the cooking vessels. Fig. 7 is a horizontal sectional view taken on line VIII—VIII of Fig. 6. Fig. 8 is a bottom plan view of the cooking utensil shown in Fig. 6. Fig. 9 is a detached perspective view of the flame deflector and spark arrester to be used in connection with the cooking vessel shown in Fig. 6, and Fig. 10 is a detail perspective view of one of the supporting legs for the cooking vessel.

Briefly described, the present invention consists of a camp kit constructed of thin sheet metal with a cover of asbestos for rendering the same fire-proof and to also protect the metal receptacle and contents of the same from the weather. The kit is preferably divided into three compartments, one compartment being substantially one-half of the receptacle and constituting a container for the cooking utensils or food stuffs to be carried by the same, while the other half of the kit is divided by a horizontal partition into an upper and lower compartment, the lower compartment constituting a fire chamber while the upper compartment constitutes a cooking compartment. The cover or top wall of the kit is provided with a double hinged section to permit cooking vessels to be introduced into the cooking compartment and to also provide a support for cooking vessels such as a coffee or tea pot.

Referring more in detail to the accompanying drawings the reference numeral 15 denotes in general the camp kit which is in the form of a rectangular receptacle including a top wall 16, end walls 17, a rear wall 18 and a front wall 19. As shown in Fig. 5 the front wall 19 is hinged at its lower end as at 20 to the bottom wall 21, while its upper end is angularly bent and in closed position overlaps the edge of the upper wall 16, as indicated at 22. In order to render the kit fire-proof and to also protect the articles contained therein from weather, I have provided a covering of asbestos as indicated at 23, which asbestos covering completely incloses the metallic receptacle. Any suitable fastening means may be provided for the front hinged section 19 and as indicated in Fig. 4, I have provided at the ends of the kit the usual form of trunk fastening 24, while a suitable lock of any preferred form may be used. When the device is to be car-

ried as on a journey or picnic I have provided straps 27 fastened to staples 28 carried by the cover 16 and carrying hooks 29 on their free ends adapted to be received in staples 30 provided on the lower wall 21 of the kit, these straps being preferably fastened about the back and shoulders of the person carrying the same. I have also provided a handle 31 positioned centrally of the top wall 16 which will facilitate the positioning of the same as desired.

The interior of the receptacle 15 is divided into compartments, preferably as shown in Fig. 1, by a centrally positioned vertical wall 32 disposed transversely of the receptacle to divide the same into equal compartments, the compartment 33 being utilized as a receptacle for cooking utensils or food stuffs, while the other half of the receptacle is utilized as the cooking section. The cooking section is divided by a horizontally disposed partition wall 34 having the central opening 35 and is secured to one of the end walls 17 and the central partition 32 as at 36. This horizontal partition 34 divides the cooking section into an upper and lower compartment designated 37 and 38 respectively. The lower compartment 38 is utilized as the fire chamber, as indicated in Fig. 1, while the upper compartment 37 is adapted to contain and support over the central opening 35 in the partition 34 cooking vessels as indicated at 39. To provide a sufficient amount of air for proper combustion, I have provided a hinged closure 40 in the end wall 17 of the cooking section, the closure being hinged at its lower end as at 41 to the bottom edge of the kit, while the upper end thereof is secured as at 42 to the end wall 17 by a fastening device similar to the one designated 26 for locking the front wall to the receptacle.

I have constructed the top wall of the kit in such a manner that it is possible to cook in two vessels at the same time and provide in the said top wall 16 a double hinged section, one carried by the other in which the larger section is designated 43 and is hinged as at 44 to the top wall, there being provided a fastening means 45 for the swinging edge thereof, which fastening means is similar to the lock 42. The smaller hinged section 46 is pivoted as at 47 to the larger swinging section 43 and as indicated in Fig. 2 the smaller section may be moved on its pivot to accommodate the coffee or tea pot designated 47″.

The cooking vessel designated 39 is shown in detail in Figs. 6 to 8 and comprises a cylindrical receptacle 48 provided with the removable cover 49 which carries handles 50, while the body portion is provided with a bail 51, there being provided a central cone-shaped passageway 52 extending above the cover 49. The bottom 53 of the receptacle 39 is provided with a pair of channel guide members 54 spaced outwardly of the central cone-shaped passageway 52 which constitute a shelf for the flame and spark deflector 55, more clearly shown in Fig. 9. This deflector consists of a plate portion apertured as at 56 and carrying a handle 57 by which the same may be placed in the channel guides 54. Should it be desired to use this cooking vessel separate from the kit as shown in Fig. 1, it is only necessary to insert the supporting legs 58 shown in Fig. 10 in the sockets 59 carried by the side walls 48 of the receptacle 39, which will hold the said receptacle elevated from the ground to provide a space for fire. The receptacle 47″ shown in Fig. 1 is provided with a cover 47′ that may be used as a drinking cup if so desired.

When it is desired to use the kit as a cooking vessel, it is necessary to open the end door 40 to permit the combustible material to be inserted into the fire chamber 38 and this door may be arranged at a suitable angle to control the draft for the fire, while the double hinged section carried by the cover is folded back as shown in Fig. 3 to permit the receptacle 39 to be introduced into the cooking compartment 37 and be positioned over the opening 35 in the horizontal partition wall 34. The cone-shaped passageway 52 of the cooking vessel 39 directs the heat and products of combustion centrally through the opening caused by the unfolded smaller hinged section 56 in the top wall and over which opening the receptacle 47 is placed to be contacted by the heat as directed. The asbestos covering effectively retains all of the heat within the kit and it is to be noted that the compartment 33 could be utilized as a baking section when all of the utensils and food stuffs have been removed therefrom.

It is believed that the operation of the device is readily apparent and while I have shown and described the preferred embodiment of the present invention, I do not wish to confine myself to the exact details of construction shown, as various forms, modifications and arrangement of the parts as shown may be had without departing from the spirit and scope of the invention as claimed.

What I claim as new is:—

1. In a device of the class described, a receptacle, a hinged front wall carried thereby, a hinged door section carried by one of the end walls, a double hinged closure section carried by the top wall, a vertical transverse partition within said receptacle, a horizontal partition wall disposed below the double hinged section in the cover, there being an opening in said horizontal partition wall, and means for locking the hinged portions.

2. The combination with a camp kit including a receptacle, and a horizontal partition wall provided with a central opening, of a cooking vessel mounted on said partition wall over said opening, a conical passageway arranged centrally of said cooking vessel, a flame deflector carried by the bottom of said cooking vessel, and an opening in the receptacle through which the cooking vessel is inserted.

3. In a device of the class described, the combination with a receptacle having a horizontal partition wall, of a cooking vessel supported on said wall, a cone-shaped central passageway provided in said cooking vessel, a pair of guide flanges carried by the bottom wall of said vessel, and a flame deflector mounted in said guides.

4. The combination with a camp kit, of a cooking vessel arranged therein, said vessel including a cylindrical outer wall, there being a conical heat passage-way centrally disposed of said vessel and extending above the top wall thereof, supporting legs for said vessel, channel guides carried by the bottom wall of said vessel and spaced outwardly of the central opening and a deflector plate removably mounted in said channel guides.

In testimony whereof I affix my signature in presence of two witnesses.

JOSEPH LAJCAK.

Witnesses:
BURT SMITH,
C. W. DOSSECA.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."