To all whom it may concern:

Be it known that I, Noah Barker, a citizen of the United States, residing at Severs, in the county of Jasper and State of Iowa, have invented a new and useful Army First-Aid Packet, of which the following is a specification:

My invention relates to first aid packets used by soldiers, sailors, hunters and the like.

The object of my invention is to provide a first aid packet of simple, durable, inexpensive and compact construction, which may be readily and easily carried, by means of which the user may readily and easily produce heat without flame, or may produce gas or make a flame fire.

More particularly it is my object to provide a first aid packet for emergency work in the field, for making wet or dry packs, cauteries, hot sponges, hot drinks for treatment of shock, external hemorrhages, etc.

My invention consists in the construction, arrangement and combination of the various parts of the device, whereby the objects contemplated are attained, as hereinafter more fully set forth, pointed out in my claims, and illustrated in the accompanying drawings, in which:

Figure 1 shows a side elevation of the casing inclosing a first aid packet embodying my invention. Fig. 2 shows a vertical, central, sectional view through the same. Fig. 3 shows a side elevation of the inner sack. Fig. 4 shows a vertical, sectional view through the outer receptacle, the sack within the receptacle being shown in side elevation.

In the exemplification of my invention shown in the accompanying drawings, I have used the reference numeral 10 to indicate generally a small amount of carbide which is received within a packing 11 of absorbent cotton or other suitable material.

The carbide 10 and packing 11 are received in a flexible sack 12 of sterilized gauze or other suitable material, the free end of which is tied at 13 to form a handle 14.

The sack 12 is preferably placed in a suitable receptacle 15 in inverted position, as shown in Fig. 2. The receptacle may be made of any suitable material, such as a proper metal for the purpose.

The receptacle 15 is provided with a cover 16, which may be sealed on the receptacle by suitable means 17, such as paint, wax or the like. Around the sack 12 in the receptacle 15 is a suitable packing 18 of absorbent cotton or the like.

My first aid packet may be made of substantially the size shown in the drawings, or of any other size as may be desired. Preferably, however, it is made in small packet form and for a single use.

In the practical use of my improved first aid packet, the device is carried in the knapsack or duffle-bag, or even the pocket.

It is well-known that in case of gun shot or other wounds where the skin is broken, the greater danger commonly results from exposure and infection due to the fact that dirt gets into the wound from soiled clothing or other sources, and from lack of immediate care and attention to the wound. It should be understood that the packing 11, sack 12, and the interior of the receptacle 15 are thoroughly sterilized when the packet is put up or assembled. In case the owner of the packet should receive an abrasive wound, the sack 12 may be removed from the receptacle 15, grasped by the handle 14, and held in inverted position. A small amount of water may be poured upon the bottom of the sack 12, and will gradually saturate the upper part of the pack. By supplying water slowly to the packet a flame can be produced for heating the water for cleansing the wound or for any other desired purpose.

A gas may be produced and used for any purpose desired, or if flame is desired the packet may be used as shown in Fig. 2 or as shown in Fig. 4. By supplying water slowly to the packet a flame can be produced for heating the water for cleansing the wound or for any other desired purpose.

A sufficient amount of packing is placed around the carbide within the sack to prevent a too rapid generation of gas when water is poured upon the sack and yet to permit sufficient chemical action within the sack to produce heat necessary for properly caring for a wound.

A very small amount of the carbide wrapped in a small portion of the ster-
Sterilized gauze sack 12 may be put into an open wound, and will immediately cauterize the parts and stop the bleeding.

An additional packing 18 is placed around the sack 12 within the receptacle 15 to properly pack the sack and also to cause the gas to generate more slowly where such a slower generation is desired. The additional packing 18, and the sterilized gauze 12, may also be used for dressing a wound if desired.

It will be understood that some changes may be made in the construction of my improved packet without departing from its essential features, and it is my intent to cover by this application any such changes which may be included within the scope of my claims.

I claim as my invention:

1. In a first aid packet, a sterilized gauze sack, a suitable absorbent packing therein, carbid in said packing, absorbent packing around said sack, a rigid receptacle therefore, a removable cover on said receptacle, and means for sealing said cover.

2. In a first aid packet, a flexible receptacle having one end tied to form a handle, carbid therein, packing around said receptacle, and around said carbid, and a receptacle for said parts having a sealed removable cover.

Des Moines, Iowa, October 20, 1914.

Witnesses:

A. SHERMAN,
WILL FREEMAN.

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