

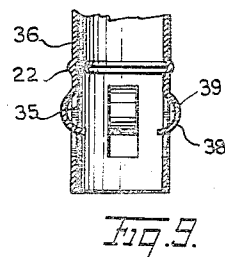
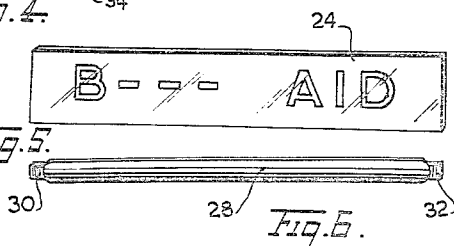
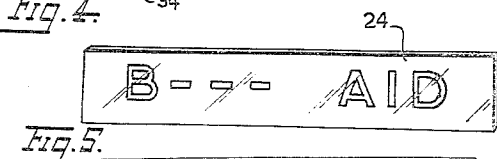
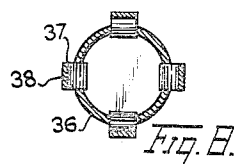
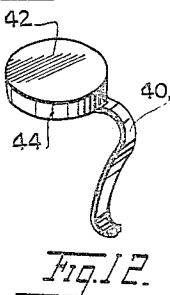
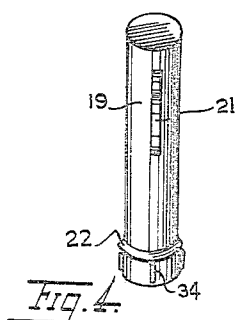
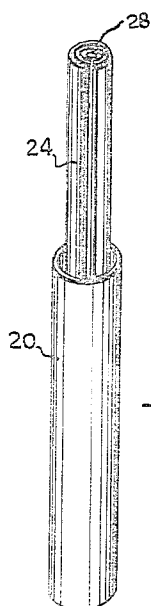
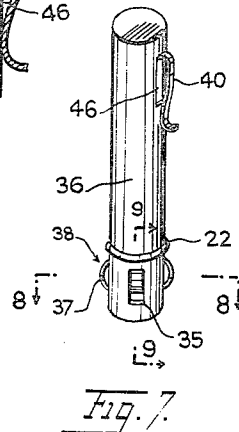
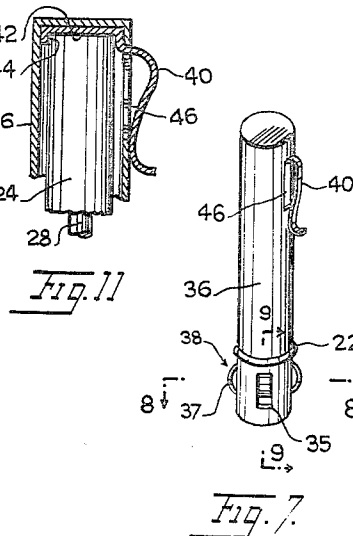
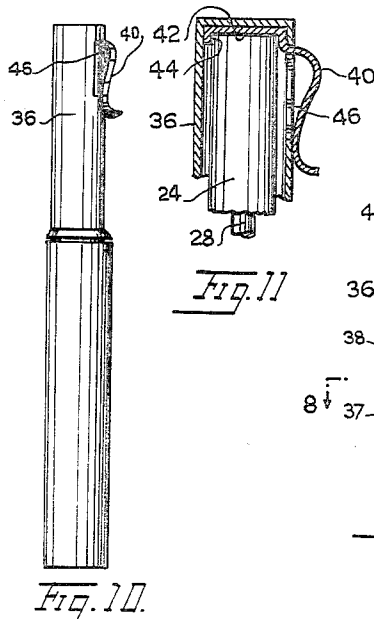
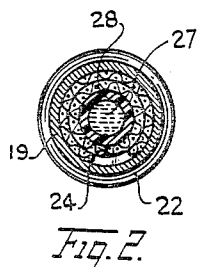
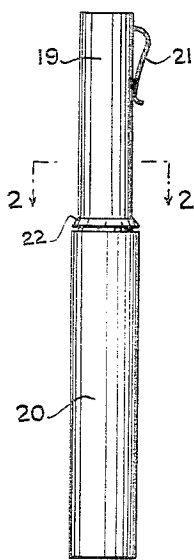
May 3, 1960

W. CLARK

2,935,186

PORTABLE FIRST AID KIT

Filed Dec. 24, 1958



INVENTOR.
WILLIAM CLARK
BY
John P. Holschlag
ATTORNEY

1

2,935,186

PORTABLE FIRST AID KIT

William Clark, New York, N.Y.

Application December 24, 1958, Serial No. 782,899

1 Claim. (Cl. 206—38)

This invention relates to first aid kits and more particularly to that type of kit which can be conveniently carried about in one's pocket.

One of the objects of the present invention is to provide a first aid kit of small and compact size which may be easily and conveniently carried about and which will contain medicinal and bandage supplies for treating small wounds.

A further object is to provide a kit of the above general character having means for carrying the kit inconspicuously in one's pocket and always ready for use.

A still further object is to provide a first aid kit which has a casing provided with a removable cap, the cap being held to the casing by spring means, said spring means being adapted to serve as openers for the supplies contained in the casing.

Another object is to provide a kit of the character described in which the cap is provided with clip means to facilitate supporting the kit in one's pocket and in which the clip is adapted to serve as an opener for the casing and as a means for ejecting the contents from the casing.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claim in which the various novel features of the invention are more particularly set forth.

In the accompanying drawings forming a material part of this disclosure:

Fig. 1 is an elevational view of a kit embodying the invention.

Fig. 2 is a sectional view on an enlarged scale taken on line 2—2 of Fig. 1.

Fig. 3 is a perspective view of the casing with medicinal supplies shown disposed therein.

Fig. 4 is a perspective view of the cap of the casing.

Fig. 5 is a perspective view of a bandage of the type which may be carried in the kit.

Fig. 6 is a perspective view of a tube of a medicament which may be carried in the kit.

Fig. 7 is a perspective view of another cap useful in the kit.

Figs. 8 and 9 are sectional views on an enlarged scale taken on lines 8—8 and 9—9 of Fig. 7.

Fig. 10 is an elevational view of a casing for a first aid kit employing the cap of Figs. 7—9.

Fig. 11 is a longitudinal sectional view on an enlarged scale through a portion of the cap of Fig. 7.

Fig. 12 is a perspective view of a clip and ejector plate employed in the cap of Figs. 7—11.

Referring to Figs. 1—6, there is shown a kit including a cylindrical tubular base 20 having an open top in which is fitted an upper cylindrical tubular cap 19 having a diameter smaller than that of casing 20. The cap is provided with a curved spring clip 21 for convenience in carrying the kit about. A flange 22 is formed on the cap

2

to serve as an abutment and limit sliding movement of the cap into the casing. Within the casing are disposed two or more rolled adhesive strips or cloth bandages 24 of a type shown in Fig. 5. These are rectangular strips of a known type which may be made of adhesive tape covered with removable gauze.

Within the rolled strips 24 may be disposed a tube 28. This tube is preferably formed of moistureproof plastic material filled with a suitable fluid medicament 27 such as mercurochrome, iodine, or the like. The tube is sealed at one or both ends as shown at 30, 32. Below flange 22 is a plurality of pressed out projections 34 which insure a snug and secure fit of the cap into the case.

In the form of the invention shown in Figs. 7—12 there is shown means for facilitating opening of the sealed tube 28 and the bandage strips 24. On the cap 36 below flange 22 are formed a plurality of spring fingers 38 which are outwardly bowed from slots 35 to form spaces 39 between the inner curved sides of the fingers and the straight side of the cap. These fingers are die cut and have rather sharp edges 37. The spring fingers serve to secure the casing 20 and cap 36 securely together. When the cap and casing are separated the bowed portions of the fingers extend outwardly as clearly shown in Figs. 7—9. Either sealed end of the tube 28 can be inserted in one of the spaces 39 and can be cut off by the sharp edge of the spring finger thereat so that the medicament can be ejected from the tube by squeezing the tube. Also in cap 36 there is provided a spring clip 40 which serves to hold the kit in one's pocket in a convenient position when not in use.

Clip 40 is integrally formed with an ejector plate 42. As clearly shown in Figs. 11 and 12 this is a circular plate with a short annular skirt 44 adapted to fit over the rolled strips 24 and tube 28 in the assembled kit. A longitudinal slot 46 is formed in the cap through which the clip 40 extends. By pulling down on the clip 40 while holding the cap 36 it is possible to eject the casing and contents thereof from the cap. This can be done easily with the thumb of one hand while the other fingers of that hand grasp the cap. This is a desirable feature of the invention, since the user may have a cut or injured hand which will preclude using this hand for opening the case. The invention permits the other hand alone to be used for opening the case.

The case is preferably formed of sheet metal. It is inexpensive and simple to manufacture and can be discarded when the contents are used or can be reused by being refilled with other bandages and one or more medicinal tubes.

While I have illustrated and described the preferred embodiments of my invention, it is to be understood that I do not limit myself to the precise constructions herein disclosed and that various changes and modifications may be made within the scope of the invention as defined in the appended claim.

Having thus described my invention, what I claim as new, and desire to secure by United States Letters Patent is:

A first aid kit comprising a two-part substantially cylindrical tubular casing, one of the parts being a tube with an open top and closed bottom and the other part being a cap with open bottom and closed top, said cap being provided with a flange to limit movement of the cap into the tube, said cap being provided with projections near the open bottom to provide a snug fitting slidable connection between the cap and tube, there being at least one rolled bandage disposed in the casing, and a tube filled with a fluid medicament enclosed within the

bandage, said cap having a clip thereon for carrying the casing in one's pocket, said clip being integrally formed with a circular ejector plate positioned within the cap at the closed top thereof, said cap having a slot with said clip projecting therethrough, said projections being 5 formed as spring fingers in the cap, said projections being die cut and bowed outwardly to define spaces for insertion of an end of said tube to cut open the same.

References Cited in the file of this patent

UNITED STATES PATENTS

1,310,257	Stiles -----	July 15, 1919
1,721,215	Hardling -----	July 16, 1929
2,354,402	Petruccione et al. -----	July 25, 1944
2,377,117	Watkins -----	May 29, 1945
2,511,965	Broder -----	June 20, 1950