A. M. EDELSTEIN.

METAL POCKET CASE.

APPLICATION FILED MAR. 7, 1914.

1,126,737. Patented Feb. 2, 1915.

Fig. 1.

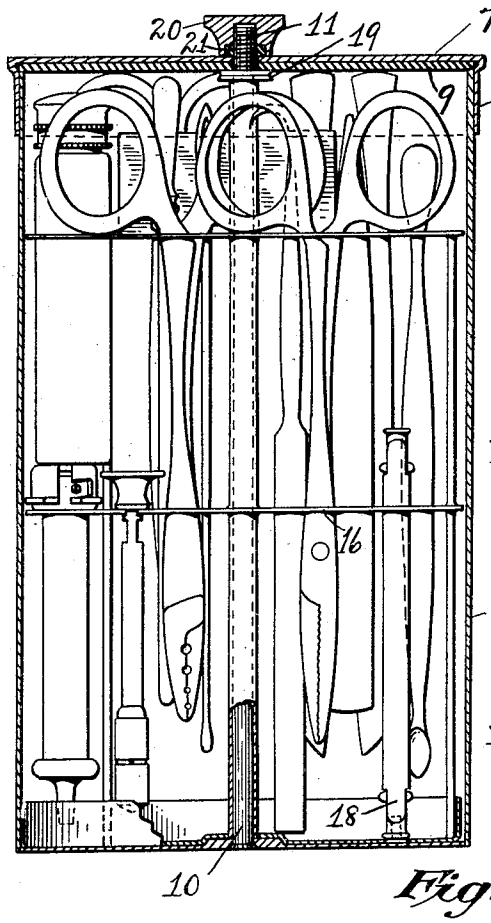


Fig. 2.

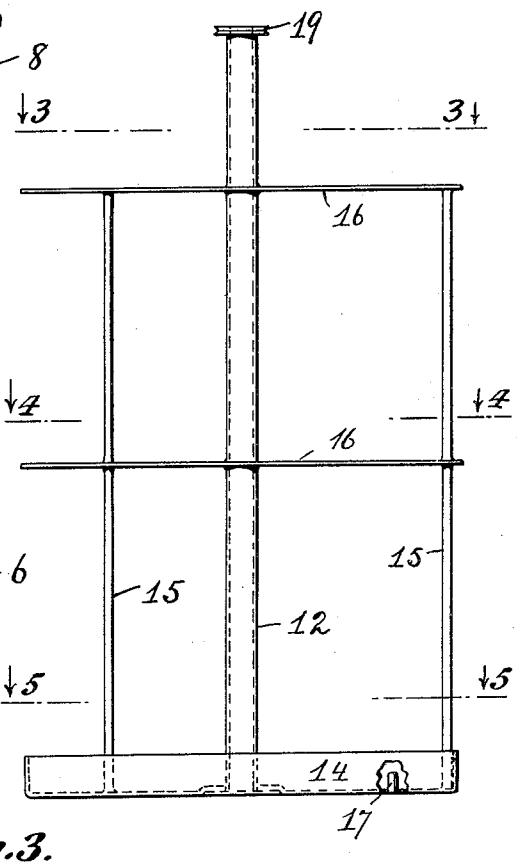


Fig. 3.

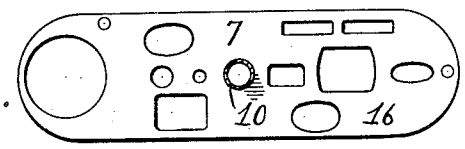


Fig. 5.

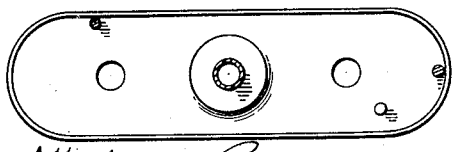
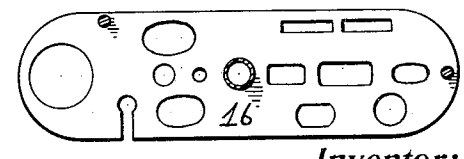


Fig. 4.



Attest:

Mary H. Lewis

Helen V. Fitzpatrick.

Inventor:

Adolph M. Edelstein

by William R. Baird

his Atty

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

ADOLPH M. EDELSTEIN, OF LONDON, ENGLAND.

METAL POCKET-CASE.

1,126,737. Specification of Letters Patent. Patented Feb. 2, 1915.

Application filed March 7, 1914. Serial No. 823,084.

To all whom it may concern:

Be it known that I, ADOLPH M. EDELSTEIN, a subject of the King of England, residing at London, in the county of Middlesex, England, have invented certain new and useful Improvements in Metal Pocket-Cases, of which the following is a specification.

This invention relates to pocket cases for physicians' and surgeons' instruments and other articles which are frequently used, as, for instance, the instruments and articles which go to make up a physician's emergency kit.

One of the objects of the invention is to provide a carrying case of the kind referred to, which may be carried in the pocket, and which includes a case or container that may be hermetically sealed, and a removable frame within the casing upon which the instruments and other articles may be supported and secured. This frame, carrying the instruments, &c., is intended to be securely held within the casing, and the casing may be filled with some sterilizing fluid, as, for instance, alcohol, so that the instruments &c., as long as they are within the casing, will be kept in a sterilized condition, and when the cover is placed upon the casing a hermetic seal thereof is established so that the device may be carried in the pocket. These objects, together with many others which will be obvious, are secured by the construction described in the following description.

In the accompanying drawings, which are to be taken as a part of this specification, and in which I have shown an embodiment of the invention as at present preferred: Figure 1 is a central vertical section through a carrying case embodying my invention, with parts in elevation and parts broken away; Fig. 2 is an elevation of the removable instrument support, with a portion of the bottom flange broken away; Fig. 3 is a section on the line 3—3 of Fig. 2; Fig. 4 is a section on the line 4—4 of Fig. 2; and Fig. 5 is a section on the line 5—5 of Fig. 2.

Referring to the numerals on the drawings, there is shown at 6 a casing, which may be of suitable metal or other material, open at the top and adapted to be closed by means of a cover 7. This cover 7 has a depending flange 8 of considerable length, fitting over the outside of the casing 6, and the cover 7 is provided with a gasket 9 so that the cover may hermetically seal the casing 6 as hereinafter described. Preferably the gasket 9 is co-extensive with the entire inner face of the cover so that it serves also the function of protecting the ends of any instruments which may project against it. Springing from the floor of the casing 6, and preferably centrally thereof is a standard 10, whose upper end projects above the top of the casing and is threaded as indicated at 11.

The removable frame for carrying the instruments, &c., comprises a tubular member 12, which springs from a tray bottom member 14. Also extending upwardly from the tray bottom 14 are vertical supports 15, and connecting these supports 15 and the central tube 12 is a plurality of transverse members 16. These transverse members 16 may be cut out in appropriate fashion as indicated in Figs. 3 and 4, so that various instruments, vials, &c., may be supported therein or extended therethrough, and they may be additionally provided with clamps if desired. The floor of the tray may be provided with an upwardly projecting pin 17, as shown in Fig. 2, to engage with the tubular end of such an instrument as is indicated by the reference numeral 18 in Fig. 1. The upper end of the tubular member 12 is provided with a surrounding annular projection 19, which serves as a finger-piece.

When the frame shown in Fig. 2, carrying its complement of instruments &c., is to be inserted within the casing 6, the lower open end of the tubular member 12 is placed over the end of the standard 10, and the frame dropped into position as shown in Fig. 1. Thereupon, the cover 7, which has an appropriate central aperture, is placed over the container or casing 6, with the threaded end 11 of the standard 10 projecting through said opening. The upper edges of the casing 6 will of course be in contact with the gasket 9, as will also the upper face of the annular enlargement 19 of the tube 12. A nut 20 is now threaded onto the projecting threaded end 11, of the standard 10, and when this is turned down on the standard the gasket 9 is compressed between the edges of the casing 6 and the inner surface of the cover 7, and also between the member 19 and the inner face of the cover 7, whereby the casing is hermetically sealed. To this same end, I may also provide at the inner end of the nut and surrounding the bore thereof, a socket within which is placed a packing ring 21,

which, when the nut is turned down, will make a tight seal between the nut, standard 10 and cover 7. From this it will be understood that the casing may be filled with alcohol or the like and safely carried in the pocket, so that the instruments, when removed by the taking out of the carrying frame shown in Fig. 2, will be in a properly sterilized condition. When the carrying frame shown in Fig. 2 is withdrawn from the casing, it will stand upright on its tray bottom 14, or, preferably, it may be supported in the up-ended cover 7, so that no part of the carrying frame need come in contact with any unclean surfaces.

It will be understood of course that materials, sizes and relations of parts are unimportant, except as set forth in the claims.

I claim:—

1. A device of the kind described, comprising a casing having a standard extending upwardly from its bottom, said standard screw threaded at its upper end, a frame for carrying instruments having a portion engaging with said standard, a cover for the casing having an opening through which the threaded end of the standard extends, a packing within the cover and a nut adapted to be screwed upon the upper end of the standard for compressing the packing between the casing and the cover.

2. In a device of the kind described, a casing having a standard springing upwardly from its bottom and having its free end threaded and extending upwardly above the edges of the casing, a cover having a flange engaging over the outside of the casing and having an aperture for the passage of the threaded end of the standard, a nut for the threaded end of the standard outside the cover, and a carrying frame having a tubular portion sleeved about said standard, said tubular portion having a projection at its upper end adapted to be engaged by the fingers.

3. A device of the kind described, comprising a casing having a standard springing from its bottom and extending upwardly above the open end of the casing with its upper end threaded, a cover apertured for the passage of said standard and having a sealing member over its inner face and surrounding the said aperture, a carrying frame having a tray-base and a tubular member springing upwardly therefrom, the tubular member having a projection on its upper end adapted to be engaged by the fingers, and also adapted to engage the sealing member of the cover, and a nut adapted to engage the threaded end of the standard to compress the sealing member between the edges of the casing and the cover and between the projecting part of the tubular member and the cover.

4. A device of the kind described, comprising a casing having a standard springing from its bottom and extending upwardly above the open end of the casing with its upper end threaded, a cover apertured for the passage of said standard and having a sealing member over its inner face and surrounding the said aperture, a carrying frame having a tray-base and a tubular member springing upwardly therefrom, the tubular member having a projection at its upper end adapted to be engaged by the fingers, and also adapted to engage the sealing member of the cover, and a nut adapted to engage the threaded end of the standard to compress the sealing member between the edges of the casing and the cover and between the projecting part of the tubular member and the cover, and a packing interposed between the nut and the cover.

5. A physician's carrying case, comprising a container adapted to be hermetically sealed, an instrument carrier removably held within the container, and means associated with the carrier and the container for locking the parts from relative movement when the container is sealed, including an annular enlargement arranged on the upper end of the carrier disposed beneath the container cover, a threaded member extending beyond the upper end of the carrier and through the cover, and a nut adapted to fit on the thread member.

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

ADOLPH M. EDELSTEIN.

Witnesses:
ORLANDO J. WORTH,
W. E. ROGERS.

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