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EMERGENCY BANDAGES
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2,714,382

Fig. 1.

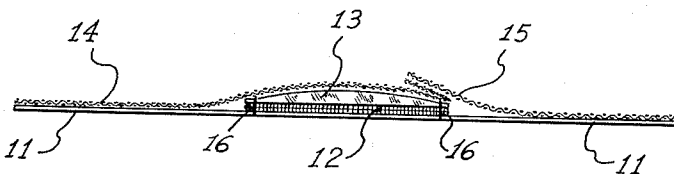
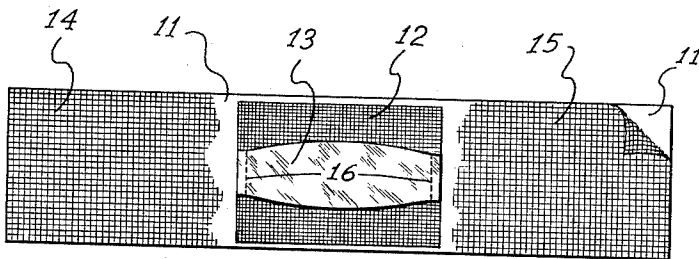


Fig. 2.

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EMERGENCY BANDAGES

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3 Claims. (Cl. 128—268)

These improvements refer to an industrial-pharmaceutical product, consisting of an emergency bandage of the adhesive medical type. Said improvements consist of the use of antibiotics, either alone or admixed, in suspension or solution in petrolatum or other vehicles for the preservation thereof, placed in a small receptacle, capsule, tube, etc., of gum, gelatin, cellophane, plastic or any other material suitable for preserving their activity for a long period; which container, upon being broken, impregnates the gauze of the bandage, which previously has been impregnated with medicinal, antiseptic, germicidal or bactericidal substances, said substance or substances being applied in the bandaging of small skin wounds or ulcers.

In the past, emergency bandages provided with medicinal substances have been employed, but not with antibiotics, due to the difficulty of preserving them. Therefore one of the principal objects of the present invention is to make possible the use of such antibiotics in said emergency bandages, namely in devices constituted substantially by a strip of gauze or plastic material, provided with an active anti-infectious and/or disinfecting element and with an adhesive substance for affixing the device to that portion of the human body where it is desired that said anti-infectious and/or disinfecting element exert its activity. Said devices further comprise another strip, also of gauze or another material which protects against contact with the surroundings both the active element and the adhesive substance until the time for using such device, this additional strip being easily detachable.

The details and features of the invention will become more clearly evident in the course of the following description and from the drawings attached hereto in illustration thereof.

In the drawings:

Fig. 1 is a plan view of an emergency bandage device, constructed according to the invention, and

Fig. 2 is a profile view of the same device, illustrating the article.

Referring to said drawings, the device according to the improvements of the invention comprises: a strip of cloth, gauze, plastic material or some other suitable material **11**, which is adhesive due to being provided with an adhesive substance on one of its sides; the usual medicinal application **12**, of gauze or some other material, impregnated with some suitable disinfectant and/or anti-infectious substance or a mixture thereof; the capsule or other receptacle **13** of gum, gelatin, cellophane, or another suitable material, for containing the antibiotic preparation, said capsule or receptacle being secured, by stitching **16**, to the adhesive strip; and lastly the protective cover constituted by the usual strips **14** and **15**, which are removable and which upon removal leave uncovered medicinal application **12** and receptacle **13**, to permit of using the medicament contained therein.

The term "medicinal substance" as used in the following claims is intended to include any anti-infectious, disinfectant, antiseptic, germicidal or bactericidal substance.

Having thus particularly described the invention, what I consider as new and desire to obtain by Letters Patent is:

1. In an adhesive bandage of the medical type including an adhesive strip provided with a bandage portion impregnated with a medicinal substance and a removable protective cover for said bandage portion, the improvement comprising an easily breakable capsule containing an antibiotic substance and sewed to said bandage portion.

2. In an adhesive bandage as set forth in claim 1, said capsule being of a material suitable for containing the antibiotic substance in a liquid suspension.

3. In an adhesive bandage as set forth in claim 1, said capsule being of a material suitable for containing the antibiotic substance in greasy vehicle.

References Cited in the file of this patent

UNITED STATES PATENTS

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