O. C. SCHULZ.

ADHESIVE PLASTER CONTAINER.

APPLICATION FILED APR. 20, 1916.

1,246,830. Patented Nov. 13, 1917.

Fig. 1.

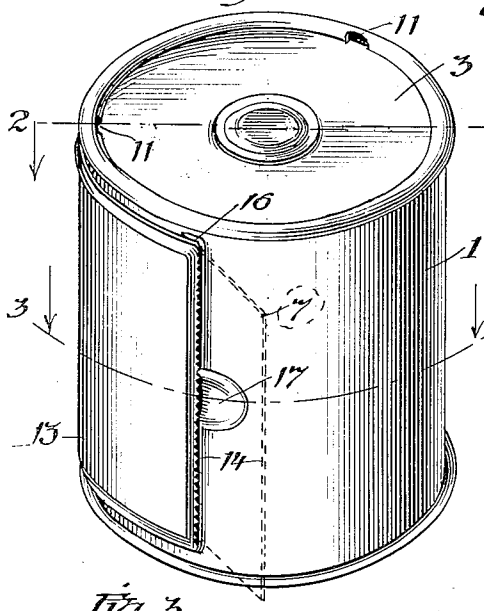


Fig. 2.

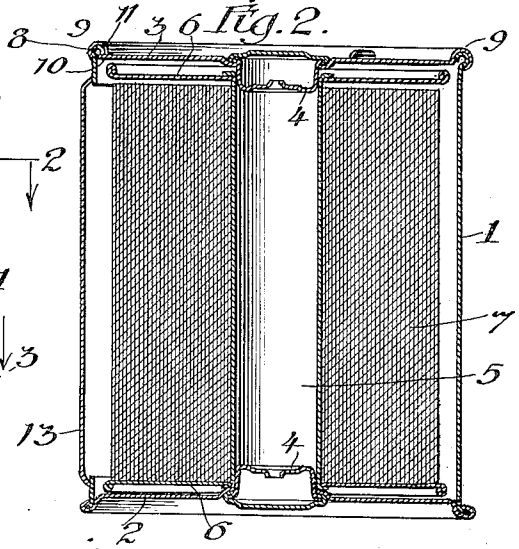


Fig. 3.

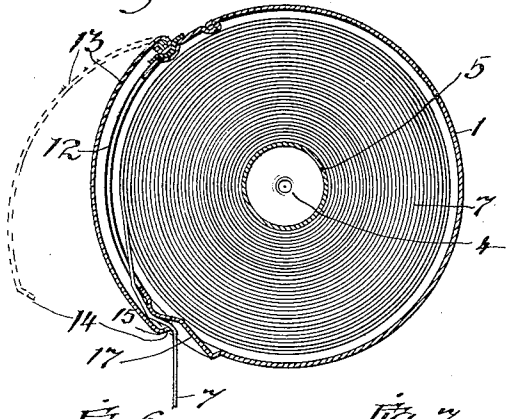


Fig. 4.

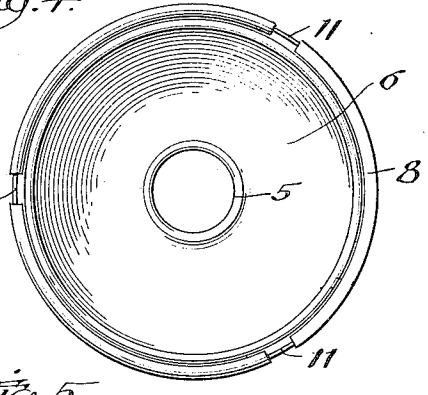


Fig. 5.

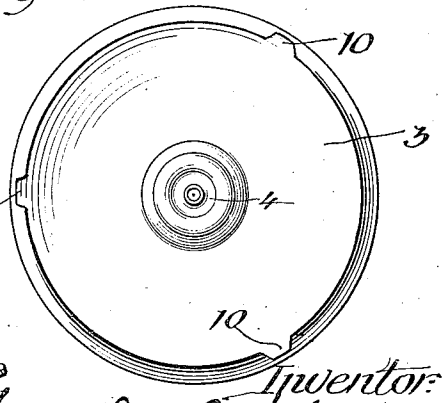


Fig. 6.

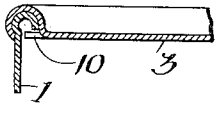


Fig. 7.

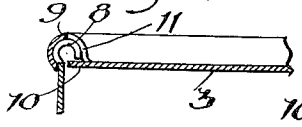
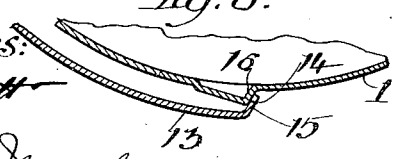


Fig. 8.



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UNITED STATES PATENT OFFICE.

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ADHESIVE-PLASTER CONTAINER.

1,246,830. Specification of Letters Patent. Patented Nov. 13, 1917.

Application filed April 20, 1916. Serial No. 92,373.

To all whom it may concern:

Be it known that I, OTTO C. SCHULZ, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Adhesive-Plaster Containers, of which the following is a specification.

This invention relates to a container for a roll of adhesive plaster adapted to meet the demands both of the public and of the medical profession for a container in which the plaster may be preserved and from which it may be readily withdrawn as required.

The requirements of the average person who uses small portions of adhesive plaster at intervals is best filled by a container provided with means whereby portions of the plaster may be withdrawn and severed from the roll without removing the roll from the container. The medical profession, however, requires a container from which the roll of plaster may be removed bodily and to which the roll may be returned for preservation after the desired amount of plaster has been used.

It is the object, therefore, of my invention to provide a container for a plaster bandage roll from which portions of plaster may be withdrawn as required without removing the roll from the container and from which the roll may be bodily removed.

A further object of my invention is the provision of a plaster bandage container of simple construction and attractive appearance which will serve to protect the plaster from contamination and from which the plaster may be readily withdrawn as required.

Further objects and advantages of my invention will be apparent as it is better understood by reference to the following specification when read in connection with the accompanying drawing, illustrating the preferred embodiment thereof, in which—

Figure 1 is a view in perspective of a container according to my invention;

Fig. 2 is a longitudinal section on the line 2—2 of Fig. 1;

Fig. 3 is a transverse section on the line 3—3 of Fig. 1;

Fig. 4 is an end elevation of the container with the removable cover detached;

Fig. 5 is a plan view of the inner side of the removable cover;

Figs. 6 and 7 are details in section of a portion of the removable cover and means for securing it in position, and

Fig. 8 is a detail in section of the means for securing the hinged cover member in closed position.

Referring to the drawings, the container comprises a cylindrical portion 1 and end members 2 and 3 formed of metal, the end member 2 being permanently secured to the cylindrical portion 1 and the end member 3 forming a removable cover normally secured in position in the manner presently to be described.

The end member and removable cover 3 are each provided with inwardly directed bosses 4 formed and secured to the end member 2 and removable cover 3 in the manner indicated in Fig. 2 or in any other suitable manner. A cylindrical core 5, to either end of which the flanges 6 are secured, is rotatably mounted on the bosses 4 and supports the adhesive plaster 7 which is wound thereon.

The end of the cylindrical portion 1, to which the removable cover 3 is secured, is provided with a bead 8 and the removable cover 3 is provided with a corresponding bead 9 adapted to slip over the bead 8. A plurality of tongues 10 are struck downwardly from the bead 9 into the plane of the main portion of the removable cover 3 and a plurality of openings 11 are provided in the bead 8 through which the tongues 10 are adapted to pass when the removable cover 3 is assembled with the cylindrical portion 1. By rotating the removable cover 3 the tongues 10 slip beneath the edge of the bead 8 to securely lock the removable cover member 3 in position to close the container.

The cylindrical portion 1 of the container is provided with an opening 12 through which the adhesive 7 may be withdrawn without removing the roll of plaster bodily from the container. A cover 13 is hingedly secured to the cylindrical portion 1 of the container to close the opening 12 and is provided with a serrated edge 14, whereby the portion of the plaster withdrawn from the roll may be readily severed therefrom. The serrated edge 14 of the cover 13 is turned

inwardly at 15 and is adapted to frictionally engage a ridge 16 struck up from the body of the cylindrical portion 1 of the container to lock the cover 13 in closed position. A depression 17 in the cylindrical portion 1 adjacent the ridge 16 permits the user to readily release the cover 13.

To secure a portion of the adhesive plaster 7 the user releases the cover 13 and withdraws the end of the plaster from the roll through the opening 12. The cover 13 is then closed and pressed with the thumb to pinch the plaster between the cylindrical portion 1 of the container and the serrated edge 14. The plaster may be readily severed by grasping the protruding portion and drawing it against the serrated edge 14. The average person using relatively small portions of the adhesive plaster will find this arrangement most convenient, the plaster being readily accessible yet always inclosed and preserved from contamination.

As previously stated, however, the medical profession prefers to withdraw the roll of plaster from the container since it may be more easily applied directly from the roll. To withdraw the roll from the container it is necessary merely to rotate the removable cover 3 until the tongues 10 register with the openings 11 in the bead 8. The cover 3 may then be removed and the roll of adhesive plaster may be withdrawn and is readily returned to the container when desired.

It will be readily understood from the foregoing that I have perfected a container for plaster bandage rolls which presents numerous advantages over containers heretofore employed for this purpose and that various changes may be made in the form, construction and arrangement of the parts without departing from the spirit and scope of the invention, or sacrificing any of its material advantages, the form hereinbefore described being merely a preferred embodiment thereof.

I claim:

1. In a container for adhesive plaster, the combination of a cylindrical body portion, an end member permanently secured thereto, an end member removably secured thereto, inwardly directed bosses on said end members, a spool rotatably mounted on said bosses to support the adhesive plaster, an opening in said body portion through which the adhesive plaster may be withdrawn, a hinged cover for said opening provided with a serrated edge, said edge being inturned, a ridge on said body portion adapted to be engaged by said edge to lock said cover in closed position and a depression in the cylindrical body portion, adjacent said ridge whereby the user is permitted to readily release said cover.

2. In a container for adhesive plasters, the combination of a cylindrical body portion, an end member permanently secured thereto, a rounded bead on the free edge of said body portion, said edge being inwardly turned and provided with spaced openings, a loose end member having a rolled edge adapted to closely embrace said bead and tongues on said loose end member spaced to register with said openings and adapted to pass beneath said free edge to lock said loose end member to said body portion when said loose end member is turned.

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