UNITED STATES PATENT OFFICE.

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SURGICAL-BANDAGE PACKAGE.

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To whom it may concern:

Be it known that I, Perry S. Bauer, 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 Surgical-Bandage Packages, of which the following is a specification.

This invention pertains to surgical bandage packages and has for its primary object to provide a package which will be neat in appearance, substantial and cheap to manufacture and which will protect the bandage and preserve it in clean antiseptic condition until entirely used.

Another object is to provide a package the ends of which will be strengthened and reinforced against compression so that the package may not be readily crushed or detached.

Other objects and advantages of the invention will be apparent as the same becomes better understood by reference to the following description when considered in connection with the accompanying drawings.

Referring to the drawings Figure 1 is a perspective view of a bandage package embodying my invention; Fig. 2 is a transverse sectional view taken substantially on the line 2—2 of Fig. 1; Fig. 3 is a longitudinal sectional view of the container with the roll removed, taken substantially on the line 3—3 of Fig. 1; Fig. 4 is a side elevation of the container showing a slightly different construction; Fig. 5 is a view similar to Fig. 3 showing end pieces of different construction; and Fig. 6 is an end view of a bandage roll.

On the drawings and referring particularly to Figs. 1 to 3, inclusive, reference character 7 designates a cylindrical casing preferably formed of card-board or similar material and provided with a longitudinally extending slot 8 through which the free end of the bandage may be withdrawn. The bandage roll 9 is disposed within the casing as shown in Fig. 2 with its free end 11 projecting through the slot 8 in position to be grasped and pulled out. The ends of the casing are closed by disks 12 which, in this modification, are provided with peripheral flanges 13, the disks being substantially equal in circumference to the inner perimeter of the casing so that they fit snugly therein, suitable adhesive being preferably employed to secure them in place. The disks disposed within the casing serve to strengthen and reinforce the same and thereby prevent crushing or distortion of the casing. The casing 7 may be formed in any suitable manner but, for convenience, may consist of a sheet of card-board, or the like, cut to suitable length and glued to the flanges 13, the edges of the sheet being adapted to meet as indicated by line 14 in Fig. 3.

For the purpose of sealing the package during shipment and until such time as it may be desirable to use the bandages, I prefer to wrap a sheet 15 of paper, or the like, around the outer side of the casing, the sheet being preferably equal in width to the length of the casing and long enough to lap over and cover the slot 8, the overlapping end 16 being glued or otherwise fastened to the projecting end 11 of the bandage and to the casing on each side of the bandage, thereby securely sealing the package. When it is desired to open the package the paper may be readily torn by pulling upon the end 11.

For convenience in manufacturing, the sheet of card-board forming the cylindrical casing may be slightly shorter in length than the circumference of the end disks 12 so that a slot 16 is provided between the ends, when the parts are assembled, through which the bandage may be withdrawn. This construction is disclosed in Fig. 4 and may be manufactured a little cheaper than that shown in Fig. 3 by reason of the fact that the cutting operation required to form the slot 8 in Fig. 3 is eliminated.

In Fig. 5 I have shown the end pieces as consisting of two disks preferably formed of card-board. The inner disk 17 of each end piece is substantially equal in circumference to the inner perimeter of the casing 7 while the outer disk 18 is substantially equal in circumference to the outer perimeter of the casing. These disks may be secured in position and fastened together by glue to provide a neat and compact construction, the inner disk being adapted to reinforce the casing and prevent crushing thereof, while the outer disk lends strength and rigidity to the construction as a whole. The paper
wrapper or covering 15 preferably covers the edges of the disks 18 so that a very neat and compact package is secured.

For the purpose of protecting the ends of the bandage roll 9 and, also, of preventing the roll from becoming accidentally unwound, I prefer to coat the ends of the roll before the roll is placed in any of the containers described with a thin film of suitable quick-drying adhesive 19, as shown in Fig. 6, which serves to hold the convolutions of the bandage thereby preventing accidental unwinding of the roll and, also, serves as a protective coating to prevent injury to the bandage edges in handling. This coating is preferably applied after the bandage is rolled up and does not permeate into the body of the roll sufficiently to be noticeable upon the edges of the bandage when it is unrolled, but it does attach itself to any loose thread ends on the edges of the bandage and has a tendency to remove these thread ends from the bandage edges as the roll is unwound.

It is believed that my invention will be fully understood from the foregoing without further description and it will be manifest that various modifications of the construction disclosed will suggest themselves to those skilled in the art and that considerable modification may be resorted to within the purview of the following claims without departing from the essence of the invention or sacrificing any of the material advantages thereof.

I claim:
1. A surgical bandage package comprising a cylindrical casing adapted to contain a roll of surgical bandage or the like and provided with a slot through which the bandage may be drawn, end pieces each consisting of a disk substantially equal in circumference to the inner perimeter of said casing and another disk substantially equal in circumference to the outer perimeter of said casing, each inner disk being permanently secured within the casing and the outer disk to the inner disk, and a sealing sheet disposed about said cylindrical casing and secured to the edges of the outer disks.
2. The combination of a surgical bandage and a container for the same, said container comprising a cylindrical casing having a slot therein through which an end of said bandage protrudes, and a paper sealing sheet disposed over said slot and secured to the protruding end of said bandage and to the surface of the container around the same, whereby said container is securely sealed.
3. A surgical bandage package comprising an outer permanently closed casing having a slot, a roll of non-adhesive gauze bandage within said casing of a width substantially equal to the width of the casing, having an end disposed through said slot, and having a coating of adhesive material applied to the edge of said bandage at an end of said roll whereby accidental unwinding of the roll is prevented.

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Witnesses:
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