

# PATENT SPECIFICATION

## DRAWINGS ATTACHED

944205



Date of Application and filing Complete Specification Aug. 11, 1961.

No. 29147/61.

Application made in Denmark (No. 3275) on Aug. 18, 1960.

Complete Specification Published Dec. 11, 1963.

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Index at acceptance: —Class B8 P(6D, 6E1, 6R2)

International Classification: —B 65 d

### COMPLETE SPECIFICATION

#### Boxes or like Containers

5 I, KNUD ABILDGAARD, a Danish Subject, trading as LOVENS KEMISKE FABRIK ved A. Kongsted, of 11, Ballerup Byvej, Ballerup, Denmark, do hereby declare the invention, for which we pray that a patent may be granted to us, and the method by which it is to be performed, to be particularly described in and by the following statement:—

10 This invention relates to a box or like container suitable for the storage of vials, ampoules or similar small fragile objects or for the storage of slides. The vials or ampoules may be those used to contain pharmaceutical products and the slides may be photographic diapositive slides.

15 It is desirable that when the box or like container is used for the storage of ampoules or for the storage of slides its contents whether full or partially full should be held or at least positioned to prevent damage and provide easy selectability.

20 It is a known feature as regards boxes for the storage of slides to provide a box with separators in the form of ribs on two opposite internal walls of the box, the ribs being placed at a constant distance one from the other, the distance corresponding to the thickness of the slides, and the distance apart of the walls corresponding to the height or breadth of the slides.

25 In order to ensure firm support for ampoules, a box should be equipped with an insertion, for example in the form of a frame with longitudinal and transverse ribs forming a lattice, in which case the ampoules can be placed in the cells formed between the ribs. Thus a container, applicable for the storage of ampoules or slides must be so designed that the separators for the slides will not impede but rather facilitate the employment of such an insertion.

30 According to the present invention there is provided a box or like container having a body portion and a lid portion, and being

adapted to receive an insertion, the body portion comprising a base, two opposed parallel side walls and two opposed parallel end walls and having ribs on the inner faces of the slide walls vertically disposed with respect to the base and extending only part way up the side walls, the ribs defining channels which are spaced along the side walls and which are adapted to receive marginal portions of slides or the like whereby the slides may be positioned between a pair of channels one channel being on each side of the box, and the lid portion being arranged to fit on to the body portion and thereby close the box, and the insertion being rectangular and being adapted to detachably fit on top of the ribs and closely against the side walls of the box and being so shaped so as to hold a number of ampoules or vials or the like within the box, the arrangement being such that the box may be used for storing ampoules when the insertion is fitted within the box and for the storage of slides when the insertion is not so fitted.

35 The box or like container may be made such that the channels formed between the ribs extend at one end of the box to the base and at the other end of the box only partially towards the base and between these two limits extend only partially towards the base, the arrangement being such that when slides are placed in the box the bottom edges of the slides are displaced in different amounts from the base of the box, whereby selection of particular slides may be more easily effected.

40 In order that the invention may be more clearly understood reference is made to the accompanying drawing which illustrates by way of example one embodiment thereof and which is a perspective view.

45 The drawing shows a box having a body 1 with a lid 2, which, when placed on the body, rests on a shoulder 3. A number of ribs 4 are placed equidistantly on the inner sides of the two longer sides of the body

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and adjacent ribs define between them a channel which is intended to receive one edge of a slide. Between the ribs at their lower ends is a lower-limit piece 5 which serves to limit the lengths of the channels so that at one end of the body the channels extend to the bottom of the body whilst at the other end of the body the channels extend only partially towards the bottom of the body. Between these two sets of channels the lengths of the channels are evenly graduated between these two extremes. The tops of the ribs form a number of surfaces 6, which lie at a constant distance from the top of the body and can form a support for an insertion 7, which consists of a lattice intended to secure a number of ampoules. The insertion 7 is easily detachable and can be pulled out of the body 1 when required.

Thus the box may be first used for the dispatch of ampoules which are firmly held between the lattice members of the insertion 7 and then, after removal of the ampoules, the insertion can be detached and the box used for the storage of slides. Because the length of the channels vary the top edges of any slides held in the box will be in step form, which will enable particular slides to be easily selected.

# WHAT I CLAIM IS:—

1). A box or like container having a body portion and a lid portion, and being adapted to receive an insertion, the body portion comprising a base, two opposed parallel side walls and two opposed parallel end walls and having ribs on the inner faces of the side walls vertically disposed with respect to the base and extending only part way up the side

walls, the ribs defining channels which are spaced along the side walls and which are adapted to receive marginal portions of slides or the like whereby the slides may be positioned between a pair of channels one channel being on each side of the box and the lid portion being arranged to fit on to the body portion and thereby close the box, and the insertion being rectangular and being adapted to detachably fit on top of the ribs and closely against the side walls of the box and being so shaped so as to hold a number of ampoules or vials or the like within the box, the arrangement being such that the box may be used for storing ampoules when the insertion is fitted within the box and for the storage of slides when the insertion is not so fitted.

2). A box as claimed in Claim 1, wherein the channels formed between the ribs extend at one end of the box to the base and at the other end of the box only partially towards the base and between these two limits extend only partially towards the base, the arrangement being such that when slides are placed in the box the bottom edges of the slides are displaced in different amounts from the base of the box, whereby selection of particular slides may be more easily effected.

3). A box or like container substantially as hereinbefore described with reference to the accompanying drawings.

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