

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111050314 A

(19) INDIA

(22) Date of filing of Application :02/11/2021

(43) Publication Date : 05/05/2023

(54) Title of the invention : RECONFIGURABLE CONTAINER FOR ORGANIZED STORAGE AND TRANSPORTATION OF STERILE EQUIPMENTS

(51) International classification	:B65D0021020000, A61B0050300000, B62B0003000000, A61B0050000000, B65D0001360000	(71)Name of Applicant : 1)Chitkara Innovation Incubator Foundation Address of Applicant :SCO: 160-161, Sector - 9c, Madhya Marg, Chandigarh- 160009, India. Chandigarh India
(31) Priority Document No	:NA	(72)Name of Inventor : 1)MALIK, Deepinder Singh
(32) Priority Date	:NA	2)SINGH, Varinder
(33) Name of priority country	:NA	3)KAUR, Navdeep
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number:	NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a reconfigurable container (100) for organized storage and transportation of sterile equipments, the container being facilitated to be accommodated inside a sterilization apparatus. The container (100) includes one or more stackable hollow drums (102) configured to store the sterile equipments in one or more inclinable detachable trays (106) coupled to the one or more hollow drums. Walls of the one or more hollow drums (102) comprise a set of holes. A second open end of one or more hollow drums (102) is coupled to a wheeled locomotive base (110), configured to facilitate transportation of the sterile equipments. The one or more hollow drums (102) are coupled to one or more grasping units (108) configured to enable a user in holding the container (100).

No. of Pages : 23 No. of Claims : 8