

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111014166 A

(19) INDIA

(22) Date of filing of Application :30/03/2021

(43) Publication Date : 17/02/2023

(54) Title of the invention : ASSEMBLY OF DETACHABLE CONTAINERS TO STORE CONSUMABLE GOODS

(51) International classification	:G01K0011320000, A61B0017000000, B65D0025200000, G06Q0030060000, G06K0009320000	(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 :
(32) Priority Date	:NA	1)BHARDWAJ, Swarit
(33) Name of priority country	:NA	2)SHARMA, Rishav
(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 pertains to a smart container assembly (100) to store consumable goods. The assembly (100) can include a primary container (102), and a set of secondary containers (202), where the primary container (102) and each of the secondary containers (202) coupled with each other. The primary container (102) includes a first set of sensors and each of the secondary container (202) includes a second set of sensors for monitoring one or more attributes of the consumable goods stored therein. A controller (120) configured for displaying the one or more attributes of the consumable goods in the primary containers (102) and each of the secondary containers (202) on a display unit (1114), and associated one or more mobile computing devices. The assembly (100) facilitates in alerting the user to purchase the consumable goods which is about to finish, when the user is near to one or more registered vendors.

No. of Pages : 25 No. of Claims : 10