(19) INDIA

(22) Date of filing of Application :21/06/2019

(43) Publication Date: 25/12/2020

(54) Title of the invention: STACKABLE SMART FOOTWEAR RACK

		(71)Name of Applicant:
	H02J0050100000,	1)Chitkara Innovation Incubator Foundation
(51) International classification	A61H0007000000,	Address of Applicant :SCO: 160-161, Sector -9c, Madhya
	A23L0035000000,	Marg, Chandigarh- 160009, India. Punjab India
	G01N0030720000	(72)Name of Inventor:
(31) Priority Document No	:NA	1)GUPTA, Sheifali
(32) Priority Date	:NA	2)GOYAL, Nitin
(33) Name of priority country	:NA	3)SANDHU, Jasminder Kaur
(86) International Application No	:NA	4)GUPTA, Rupesh
Filing Date	:NA	5)SHARMA, Nikhil
(87) International Publication No	: NA	6)AHUJA, Sachin
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(57) Abstract:

The present invention relates to a stackable smart footwear rack and a cabinet housing the stackable smart footwear rack. The present invention provides easy access to organize, store and retrieve footwear in the racks in addition to providing efficient utilization of storage space in a smart and intelligent manner by means of human machine interface and sensors coupled to motor mechanisms. The present invention also helps negate disorganized arrangement of footwear in the racks and is easy to use thereby contributing to a comfortable lifestyle for people of all age groups. Additionally, the present invention also provides a means to minimize any incidences of dust, odor or dirt in the cabinets and racks due to soiled footwear leading to increased levels of hygiene when handling the contents.



No. of Pages: 20 No. of Claims: 10