

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111003646 A

(19) INDIA

(22) Date of filing of Application :27/01/2021

(43) Publication Date : 23/09/2022

(54) Title of the invention : UMBRELLA FOR FULL BODY PROTECTION

(51) International classification	:A45B0011000000, A45B0025020000, A45B0025180000, A45B0015000000, A45B0019100000	(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)KAKKAR, Mohit Kumar
(33) Name of priority country	:NA	2)BOSE, Tania
(86) International Application No	:NA	3)BHATTI, Jasdev
Filing Date	:NA	4)RAMNEET
(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 an umbrella 100 for protecting full body against weather elements. The umbrella 100 includes a frame 102 having a canopy 106 covering a plurality of rib members 104, and a plurality of rollers 114 slidably coupled with a set of sliding means 110, where the set of sliding means 110 configured with the plurality of rib members 104. The plurality of rollers 114 may include a plurality of protective members 116 wrapped around the corresponding rollers 114, and may be extended to a predefined length upon actuation of one or more actuators 122. The user may open any of the protective members 116 by actuating corresponding actuator 122, which protects the user from getting wet in rain, snow, and hails.

No. of Pages : 16 No. of Claims : 8