

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202011047165 A

(19) INDIA

(22) Date of filing of Application :29/10/2020

(43) Publication Date : 06/05/2022

(54) Title of the invention : PORTABLE WATER PURIFIER

(51) International classification	:C02F0001000000, C02F0001280000, C02F0009000000, C02F0101160000, B01D0067000000	(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)SHARMA, Setu
(33) Name of priority country	:NA	2)ARORA, Tarun
(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 relates generally to the field of water filtration and purification. More specifically, the disclosure is directed to an economical, flexible and portable water purifier comprising wheat husks, activated wheat bran charcoal and muslin cloth. The invention also relates to a process of purification using the same. The apparatus provides effective purification without losing essential nutrients from water. It also does not employ any complex electrical or magnetic components for driving the process of purification.

No. of Pages : 17 No. of Claims : 14