

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202011011172 A

(19) INDIA

(22) Date of filing of Application :16/03/2020

(43) Publication Date : 17/09/2021

(54) Title of the invention : CONVERTIBLE DESK DEVICE

(51) International classification :A01G0020430000,
B03C0003100000,
A47L0007000000,
B03C0003800000,
A47L0005240000

(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(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

(71)Name of Applicant :

1)CGC Technical Campus Jhanjeri

Address of Applicant :State Highway 12A Jhanjeri, Sahibzada
Ajit Singh Nagar, Punjab 140307, India. Punjab India

(72)Name of Inventor :

1)Paramveer Singh

(57) Abstract :

The present invention relates to a cleaning device, comprises a shell type frame having an air inlet and air outlet to pass air during suction, two concentric pipes i.e. outer pipe for scrapping ash and inner pipe for sucking the ash from a vent or flue, a fan equipped with motor to perform deposited ash sucking, a filter bag to collect and store the ash, multiple roller having the motor to move the pipes to direction of vent during cleaning and multiple springs that elongates or compress as per the shape of vent to adjust the rollers for free movement inside the flue.

No. of Pages : 13 No. of Claims : 10