

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311038360 A

(19) INDIA

(22) Date of filing of Application :05/06/2023

(43) Publication Date : 07/07/2023

(54) Title of the invention : AN UNMANNED AERIAL VEHICLE

(51) International classification :B64C 270800, B64C 390200, B64D 470000, B64D 470800, G05D 011000
(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)Chitkara University

Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura -----

2)Chitkara Innovation Incubator Foundation

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)Dr. Chinky Jaggi

Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura -----

2)Mr. Himanshu Kholi

Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura -----

3)Mr. Pankaj Kumar

Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura -----

(57) Abstract :

ABSTRACT AN UNMANNED AERIAL VEHICLE An unmanned aerial vehicle, UAV (100), is disclosed. The UAV (100) comprises a power supply (108) located at a ground, an elongated cone (110) configured to increase the penetration power of UAV under strong winds at higher altitudes that results in smooth functioning of UAV at elevations, fins (112) configured to control direction of the UAV (100), a motor (116) configured to make the UAV (100) fly in the air, and a paint guns (118) configured to spray paint on building while the UAV (100) is in the air. [Figure 1]

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