

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111016698 A

(19) INDIA

(22) Date of filing of Application :09/04/2021

(43) Publication Date : 24/03/2023

(54) Title of the invention : FLYING KITE

(51) International classification :A63H0027080000,  
B64C0031060000,  
F03D0005000000,  
B64C0027200000,  
B64C0039020000

(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)CHITKARA INNOVATION INCUBATOR FOUNDATION**

Address of Applicant :SCO: 160-161, SECTOR – 9C,  
MADHYA MARG, CHANDIGARH – 160009, INDIA  
Chandigarh India

(72)Name of Inventor :

**1)AMIT GUPTA**

**2)ANOOP KUMAR SINGH**

**3)GURDYAL SINGH**

**4)AMANJEET BHALLA**

**5)PARAMBIR SINGH DALPATIA**

(57) Abstract :

A flying kite (100) comprising: a frame (102) designed to provide a rigid support to components of the flying kite (100); rotors (104a-104c) to be rotated by motors (106a-106c) in a pre-defined direction; flaps (108a-108n) adapted to be opened and/or closed; a camera (110) configured on a bottom of the frame (102), to capture images and/or videos of a landscape; and a control unit (116) positioned at a center of the frame (102), to actuate the motors (106a-106c) for enabling a rotation of the rotors (104a-104c). Claims: 10, Figures: 10 Figure 1 is selected.

No. of Pages : 26 No. of Claims : 10