# पेटेंट कार्यालय
# शासकीय जर्नल

# OFFICIAL JOURNAL
# OF
# THE PATENT OFFICE


| | | |
|---|---|---|
| निर्गमन सं. 39/2020 | शुक्रवार | दिनांक: 25/09/2020 |
| ISSUE NO. 39/2020 | FRIDAY | DATE: 25/09/2020 |


पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2020

(21) Application No.202041037906 A
(43) Publication Date : 25/09/2020

(54) Title of the invention : SYSTEM AND METHOD TO IDENTIFY ACCURATE LOCATION OF EXPLOSIVE DEVICES

| | |
|---|---|
| (51) International classification | :B64C0039020000, E21B0043119000, H04W0084060000, E21B0043118500, F41H0011120000 |
| (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)N PRUDHVI KUMAR REDDY**
Address of Applicant :CMR College of Engineering & Technology, Kandlakoya(V), Medchal Road, Hyderabad-501401, Telangana, India. Telangana India
**2)PEDDAGOLLA HEMALATHA**
**3)Dr. P. RAVI KUMAR**
**4)Dr. SURESH MERUGU**
**5)Dr. B. PREMALATHA**
**6)S. SIVASKANDHA**
(72)**Name of Inventor :**
**1)N PRUDHVI KUMAR REDDY**
**2)PEDDAGOLLA HEMALATHA**
**3)Dr. P. RAVI KUMAR**
**4)Dr. SURESH MERUGU**
**5)Dr. B. PREMALATHA**
**6)S. SIVASKANDHA**

(57) Abstract :
Exemplary embodiments of the present disclosure a system for identifying the accurate location of explosive devices, comprising: a controller configured to operate an unmanned aerial vehicle, wherein the unmanned aerial configured to identify one or more explosive devices located in a land surface and captures the the one or more explosive devices identified in a land surface using an image capturing unit, the image capturing unit is positioned under the unmanned aerial vehicle; and a computing device configured to receive the one or more images of the one or more explosive devices from the unmanned aerial vehicle via a network, wherein the computing device is located at a base station, the one or more images of the one or more explosive devices are stored in a database.

No. of Pages : 20 No. of Claims : 5