

पेटेंट कार्यालय  
शासकीय जर्नल

**OFFICIAL JOURNAL  
OF  
THE PATENT OFFICE**

---

---

निर्गमन सं. 51/2023  
ISSUE NO. 51/2023

शुक्रवार  
**FRIDAY**

दिनांक: 22/12/2023  
DATE: 22/12/2023

---

---

पेटेंट कार्यालय का एक प्रकाशन  
PUBLICATION OF THE PATENT OFFICE

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202341077175 A

(19) INDIA

(22) Date of filing of Application :13/11/2023

(43) Publication Date : 22/12/2023

(54) Title of the invention : SYSTEM AND METHOD FOR REMOVAL OF INVASIVE PLANT SPECIES

(51) International classification :B32B0038000000, B32B0037000000, A61B0018140000, A01M0021040000, A61B0018000000  
(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)CMR College of Engineering & Technology**  
Address of Applicant :CMR College of Engineering & Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana-501401, India. Hyderabad -----  
**2)Dr. M Suresh**  
**3)Dr. B Premalatha**  
**4)Abdul Subhani Shaik**  
Name of Applicant : NA  
Address of Applicant : NA  
(72)Name of Inventor :  
**1)Dr. M Suresh**  
Address of Applicant :CMR College of Engineering & Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana-501401, India. -----  
**2)Dr. B Premalatha**  
Address of Applicant :CMR College of Engineering & Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana-501401, India. -----  
**3)Abdul Subhani Shaik**  
Address of Applicant :CMR College of Engineering & Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana-501401, India. -----

(57) Abstract :

Exemplary embodiments of the present disclosure are directed towards a system and method for removal of invasive plant species. A system and method for removal of invasive plant species comprises of a long height adjustable handle that connects the pair of removable blade with the electric motor. Furthermore, a pair of removable blades, connected to the long handle at the bottom end, configured to cut the invasive plant species. Finally, an electric motor, connected to the long handle at the upper end, configured to run the blades. FIG. 1

No. of Pages : 13 No. of Claims : 7