

पेटेंट कार्यालय
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं. 02/2023
ISSUE NO. 02/2023

शुक्रवार
FRIDAY

दिनांक: 13/01/2023
DATE: 13/01/2023

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

(54) Title of the invention : Arduino based Water Trash Collector

(51) International classification :B29B0017000000, A01N0025000000, F42B0033060000, C12N0001200000, A62D0003300000

(86) International Application No :PCT//
Filing Date :01/01/1900

(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)Malla Reddy Engineering College
 Address of Applicant :Malla Reddy Engineering College, Maisammaguda (Post. Via. Kompally), Mechal-Malkajiri-500100. Telangana. Maisammaguda -----
Name of Applicant : NA
Address of Applicant : NA

(72)Name of Inventor :
1)Mr. Baddam Nithin reddy
 Address of Applicant :ECE Department, Malla Reddy Engineering College, MAIN CAMPUS Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajiri District, Telangana State – 500100 Maisammaguda -----
2)Ms. Chiluveru Bhavani
 Address of Applicant :ECE Department, Malla Reddy Engineering College, MAIN CAMPUS Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajiri District, Telangana State – 500100 Maisammaguda -----
3)Mr. Bhuchupalli Kullai reddy
 Address of Applicant :ECE Department, Malla Reddy Engineering College, MAIN CAMPUS Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajiri District, Telangana State – 500100 Maisammaguda -----
4)Ms.Decharaju Shruthi
 Address of Applicant :ECE Department, Malla Reddy Engineering College, MAIN CAMPUS Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajiri District, Telangana State – 500100 Maisammaguda -----
5)Dr. G.S.K. Gayatri Devi
 Address of Applicant :ECE Department, Malla Reddy Engineering College, MAIN CAMPUS Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajiri District, Telangana State – 500100 Maisammaguda -----
6)Dr. N. Manikanda Devarajan
 Address of Applicant :ECE Department, Malla Reddy Engineering College, MAIN CAMPUS Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajiri District, Telangana State – 500100 Maisammaguda -----
7)Dr. J. Shirisha
 Address of Applicant :ECE Department, Malla Reddy Engineering College, MAIN CAMPUS Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajiri District, Telangana State – 500100 Maisammaguda -----
8)Dr. Bibhuti Bhusan Pradhan
 Address of Applicant :ECE Department, Malla Reddy Engineering College, MAIN CAMPUS Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajiri District, Telangana State – 500100 Maisammaguda -----
9)Dr. P. Joel Josephson
 Address of Applicant :ECE Department, Malla Reddy Engineering College, MAIN CAMPUS Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajiri District, Telangana State – 500100 Maisammaguda -----
10)Mr. P. Nandha Kumar
 Address of Applicant :ECE Department, Malla Reddy Engineering College, MAIN CAMPUS Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajiri District, Telangana State – 500100 Maisammaguda -----
11)Mr. K. Anil Kumar
 Address of Applicant :ECE Department, Malla Reddy Engineering College, MAIN CAMPUS Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajiri District, Telangana State – 500100 Maisammaguda -----

(57) Abstract :
 Plastic has been regarded as the most harmful and toxic substance that is hazardous to human life. Disposal of plastic waste into nearby waterbodies is the easiest and cheapest way to get rid of it. As plastic being a non-biodegradable waste it doesn't decompose moreover releases harmful chemicals into the water not only making the water unsuitable for drinking it makes the water poisonous. Though 70% of earth is covered with water bodies only 30% of it is useful for our daily requirements. If the disposal of plastic into water bodies continues the remaining 30% of water gets polluted and there won't be any backup for the future generations. So in order to save water from being polluted we came up with a project that segregates plastic from the water bodies thereby making a favor to the mankind and for the future generations.

No. of Pages : 4 No. of Claims : 2