

(54) Title of the invention : ECO-FRIENDLY ELECTRICITY GENERATING SYSTEM

<p>(51) International classification :F03B0013000000, F03B0011000000, B63H0021170000, F21S0009030000, A43B0003000000</p> <p>(86) International Application No Filing Date :PCT// :01/01/1900</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number Filing Date :NA :NA</p> <p>(62) Divisional to Application Number Filing Date :NA :NA</p>	<p>(71)Name of Applicant : 1)Malla Reddy Engineering College (Autonomous) Address of Applicant :Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. ----- Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)DR J SELWYN BABU Address of Applicant :Malla Reddy Engineering College, MAIN CAMPUS Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajgiri District, Telangana State - 500100 ----- ----- 2)DR J REX Address of Applicant :Malla Reddy Engineering College, MAIN CAMPUS Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajgiri District, Telangana State - 500100 ----- ----- 3)GAJULA MAHESH Address of Applicant :Malla Reddy Engineering College, MAIN CAMPUS Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajgiri District, Telangana State - 500100 ----- ----- 4)BOLLA SANTHOSH REDDY Address of Applicant :Malla Reddy Engineering College, MAIN CAMPUS Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajgiri District, Telangana State - 500100 ----- ----- 5)ARE ABHINAV Address of Applicant :Malla Reddy Engineering College, MAIN CAMPUS Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajgiri District, Telangana State - 500100 ----- ----- 6)JANAGAM SANJAY GOUD Address of Applicant :Malla Reddy Engineering College, MAIN CAMPUS Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajgiri District, Telangana State - 500100 ----- ----- 7)THATI MADHUSAI Address of Applicant :Malla Reddy Engineering College, MAIN CAMPUS Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajgiri District, Telangana State - 500100 ----- ----- 8)GUNJI CHIRANJEEVI Address of Applicant :Malla Reddy Engineering College, MAIN CAMPUS Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajgiri District, Telangana State - 500100 ----- -----</p>
--	---

(57) Abstract :

7. ABSTRACT A system (1) for ecofriendly electricity generation is disclosed. The said system (1) comprises of an upper layer (2), a linkage (3), a rack and pinion arrangement (4), a pinion (5), a pinion shaft (5a), end bearings (5b), springs (6), a larger sprocket (7a) and smaller sprocket (7b), a chain cycle (7c), gears (8), a generator (9), supporting frames (10), a bottom layer (11), supporting rods (12), connecting elements (13), and a battery (14) for storing generated electricity. The said upper layer (2) acts as an energy receiving component, exerted by a human with foot, wherein the system (1) is adaptable to be used as electricity generating stairs, pathway blocks or the like. The said generator (9) is installed in the bottom of the upper layer (2) and the electric energy output end of the generator (9) connects an electric energy input of the said battery (14). The Figure associated with Abstract is Fig. 2.

No. of Pages : 19 No. of Claims : 10