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<p>(51) International classification :G01B0003000000, A01G0022000000, B60G0017015000, F02N0015060000, H01M0006140000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1) Dr. BALAJI. D Address of Applicant :ASSISTANT PROFESSOR IN DEPARTMENT OF MECHANICAL ENGINEERING, KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY, ARASUR, COIMBATORE-641407, TAMILNADU, INDIA. ---</p> <p>2)Dr. DEVENDRAPOTNURU 3)Dr. CH. PRADEEP REDDY 4)Dr. Y. V. PAVAN KUMAR 5)Dr. D. JOHN PRADEEP 6)Dr. L. V. SURESH KUMAR 7)Dr. N. MOHAN KRISHNA VARMA</p> <p>Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1) Dr. BALAJI. D Address of Applicant : ASSISTANT PROFESSOR IN DEPARTMENT OF MECHANICAL ENGINEERING, KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY, ARASUR, COIMBATORE-641407, TAMILNADU, INDIA. ---</p> <p>2)Dr. DEVENDRAPOTNURU Address of Applicant :DEPARTMENT OF ELECTRICAL AND ELETRONICS ENGINEERING, GAYATRI VIDYAPARISHED COLLEGE OF ENGINEERING FOR WOMEN, VISAKHAPATNAM, ANDHRA PRADESH, INDIA, 530048 -----</p> <p>3)Dr. CH. PRADEEP REDDY Address of Applicant :PROFESSOR, COMPUTER SCIENCE AND ENGINEERING, VIT-AP UNIVERSITY, BESIDE AP SECRETARIAT, NEAR VIJAYAWADA, ANDHRA PRADESH, INIDA, 522237 -----</p> <p>4)Dr. Y. V. PAVAN KUMAR Address of Applicant :ASSOCIATE PROFESSOR, ELECTRONICS ENGINEERING, VIT-AP UNIVERSITY, BESIDE AP SECRETARIAT, NEAR VIJAYAWADA, ANDHRA PRADESH, INIDA, 522237 -----</p> <p>5)Dr. D. JOHN PRADEEP Address of Applicant :ASSOCIATE PROFESSOR, ELECTRONICS ENGINEERING, VIT-AP UNIVERSITY, BESIDE AP SECRETARIAT, NEAR VIJAYAWADA, ANDHRA PRADESH, INIDA, 522237 -----</p> <p>6)Dr. L. V. SURESH KUMAR Address of Applicant :ASSOCIATE PROFESSOR, DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING, GMR INSTITUTE OF TECHNOLOGY, RAJAM, SRIKAKULAM, ANDHRA PRADESH, INIDA, 532127 -----</p> <p>7)Dr. N. MOHAN KRISHNA VARMA Address of Applicant :PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, MADANAPALLE INSTITUTE OF TECHNOLOGY AND SCIENCE, MADANAPALLE, ANDHRA PRADESH, INIDA, 517325 -----</p>
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(57) Abstract :

Ahybrid renewable energy resources augmented with the aid of DLamechanical unit (1) further comprises of spring, connecting rod with rack arrangement at both the edges, initially the spring is kept in compressed state and a smoke generator (2) is placed inside which simulated to produce the smoke thereby the compressed spring tend to expand therein the smoke is raise in pressure, this initiates the movement in the spring due to low pressure at initial stage and high pressure creates force over amechanical unit (I), a rack and pinion unit (3) getting rotation force thereby a connecting unit (4) and which in turn a generator (5) producing green energy. The rack and pinion unit (3) getting rotation force thereby the flying object (4) is connected from the rack through the connecting unit (5). The spring unit is connected which procedures the mechanical movement which is also producing green energy.

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