

(54) Title of the invention : Manufacturing of Electronic Spider (E- Spider)

<p>(51) International classification :G06N0003000000, B62D0057032000, B25J0009160000, G05D0001020000, A47J0043250000</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 :</p> <p><b>1)St. Martin’s Engineering College</b> Address of Applicant :St.Martin’s Engineering College, Dhulapally Kompally Secunderabad -----</p> <p><b>Name of Applicant : NA</b> <b>Address of Applicant : NA</b></p> <p>(72)Name of Inventor :</p> <p><b>1)Dr. D. V Sreekanth Professor and HOD</b> Address of Applicant :St.Martin’s Engineering College, Dhulapally Kompally Secunderabad -----</p> <p><b>2)Dr. K. Vijaya Kumar Reddy Professor JNTUH</b> Address of Applicant :JNTUH, Kukatpally, Hyderabad Secunderabad ---- -----</p> <p><b>3)Dr. P. Santosh Kumar Patra Professor and Principal</b> Address of Applicant :St.Martin’s Engineering College, Dhulapally Kompally Secunderabad -----</p> <p><b>4)Mrs.L. Nagamani Assistant professor</b> Address of Applicant :St.Martin’s Engineering College, Dhulapally Kompally Secunderabad -----</p> <p><b>5)Aenugutala Naveen</b> Address of Applicant :St.Martin’s Engineering College, Dhulapally Kompally Secunderabad -----</p> <p><b>6)Mr.B. Chandra Shekar Reddy</b> Address of Applicant :St.Martin’s Engineering College, Dhulapally Kompally Secunderabad -----</p> <p><b>7)Mr.Bhattu Gangeya</b> Address of Applicant :St.Martin’s Engineering College, Dhulapally Kompally Secunderabad -----</p> <p><b>8)Mr.G. Prashanthreddy</b> Address of Applicant :St.Martin’s Engineering College, Dhulapally Kompally Secunderabad -----</p> <p><b>9)Mr.Kammili Venkat</b> Address of Applicant :St.Martin’s Engineering College, Dhulapally Kompally Secunderabad -----</p> <p><b>10)Mr.Mala Chandra Kiran</b> Address of Applicant :St.Martin’s Engineering College, Dhulapally Kompally Secunderabad -----</p> <p><b>11)Mr.Yagni Saimanish</b> Address of Applicant :St.Martin’s Engineering College, Dhulapally Kompally Secunderabad -----</p> <p><b>12)Mr.K Shiva Shankar</b> Address of Applicant :St.Martin’s Engineering College, Dhulapally Kompally Secunderabad -----</p>
--	---

(57) Abstract :

The Exploring the world can be dangerous and rough such as in was fields and rug grater rain roads, which are hard to access with normal vehicles. The objective of this work was to create electronic spider that has the ability to navigate terrain that is impassable for most other land vehicles. In this design, the spider legs have the freedom of movement as those of biological spider. The electronic spider is a device used in monitoring surroundings wirelessly. The spider robot function without interfacing, it can easily adapt to the new situation or obstacles due to its legs of locomotion on like the ordinary two legs robot. The user of this spider robotic system poses prefecture solution to such problems, eradicating the deem and for human kind to access such places and regularly providing information on the state of such environment that would not otherwise be available for humanity

No. of Pages : 18 No. of Claims : 6