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<p>(51) International classification :G06N0003040000, G06N0003080000, G06Q0040040000, G06N0003063000, G06K0009620000</p> <p>(86) International Application No :PCT// Filing Date :01/01/1900</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 : <b>1)VENKATA SREEKANTH DESU</b> Address of Applicant :Plot no 96 Thirumala enclave Old Alwal, Secunderabad -----</p> <p><b>2)St. Martin's Engineering College</b> Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : <b>1)Dr. P. Santosh Kumar Patra Professor and Principal, CSE Department</b> Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad -----</p> <p><b>2)Mr. Suresh Talwar, Assistant Professor, IT Department</b> Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad -----</p> <p><b>3)Dr. Regonda Nagaraju Professor, IT Department</b> Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad -----</p> <p><b>4)S Veereshkumar Assistant Professor, IT Department</b> Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad -----</p> <p><b>5)P.Akhil Rao Student, IT</b> Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad -----</p> <p><b>6)S.SaiKrishna Student, IT</b> Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad -----</p> <p><b>7)V.VipinKumar Student, IT</b> Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad -----</p> <p><b>8)BollaShravani Student, IT</b> Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad -----</p> <p><b>9)TalariRahul, Student, IT</b> Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad -----</p> <p><b>10)A.VenkataShivaReddy Student, IT</b> Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad -----</p> <p><b>11)B.ManasaYadav Student, IT</b> Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad -----</p> <p><b>12)V.Sathvik Student, IT</b> Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad -----</p> <p><b>13)B. Rahul Student, IT</b> Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad -----</p>
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(57) Abstract :

Correlation analysis of the financial indicators and stock price fluctuations based on artificial intelligence system. In GANs artificial neural network, the number of GANs artificial neurons in the middle layer is required to be the same as the number of training samples, and each GANs artificial neuron stores one training sample, which is called direct memory artificial neuron. The adjustment of connection weights more accurately approximates the nonlinear mapping relationship reflected in the stock market price fluctuations, so as to realize the short-term accurate prediction of the stock market price. This research work has designed the novel neural network model to construct the ideas of the prediction model. Compared with the state-of-the-art ways, the performance is satisfactory

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