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PATENTS

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(57) Abstract :

METHOD AND SYSTEM FOR ANALYZING CLOUD ARCHITECTURE USING MACHINE LEARNING MODELS ABSTRACT The present invention provides an approach for analyzing cloud architecture using machine learning models. The system includes an interface component, a validation component and an execution component. The interface component transmits industrial data associated with an industrial device to the cloud platform that analyzes the industrial data. The interface component also receives, from the cloud platform, command data for the industrial device that is generated based on the industrial data. The validation component validates the command data received from the cloud platform based on execution data indicative of a set of conditions for the command data. The validation component also establishes a secure communication link with the industrial device in response to a determination that the command data is approved for execution on the industrial device. The execution component initiates execution of the command data via the industrial device.

No. of Pages : 19 No. of Claims

FORM 2

THE PATENT ACT, 1970 (39 OF 1970)

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THE PATENT RULES, 2003

COMPLETE SPECIFICATION [SEE

SECTION 10 AND RULE 13]

TITLE: METHOD AND SYSTEM FOR ANALYZING CLOUD ARCHITECTURE USING MACHINE LEARNING MODELS	
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The following specification particularly describes the invention and the manner in which it is to be performed

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(54) Title of the invention : METHOD AND SYSTEM FOR DEPLOYING DEEP LEARNING TECHNIQUES FOR EFFICIENT BIG DATA ANALYTICS IN HEALTHCARE ENVIRONMENT

(51) International classification :G06F0021620000, G16H0010600000, G06F0016245800, G06N0020000000, G06F0016220000 (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)DR. D. SURESH BABU (Head and BoS Chairperson)** Address of Applicant :DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS SR & BGNR GOVT. ARTS & SCIENCE COLLEGE(A), KHAMMAM, KHAMMAM DISTRICT, TELANGANA STATE, INDIA.-507001. Email: Phone+91-817/9108983 Khammam **2)DR. K. NAGESWAR RAO (Lecturer)** **3)M. SRINIVASA RAO (Lecturer)** **4)J.V.S. ARUNDATHI (Lecturer)** **5)V. PULLARAO (Lecturer)** **6)K. USHAPAVANI (Lecturer)** **7)BABULU (Lecturer)** **8)D. PAVAN SRIVASTA (Student)** **Name of Applicant : NA** **Address of Applicant : NA** (72)**Name of Inventor :** **1)DR. D. SURESH BABU (Head and BoS Chairperson)** Address of Applicant :DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS SR & BGNR GOVT. ARTS & SCIENCE COLLEGE(A), KHAMMAM, KHAMMAM DISTRICT, TELANGANA STATE, INDIA-507001. Email: Phone+91-817/9108983 Khammam **2)DR. K. NAGESWAR RAO (Lecturer)** Address of Applicant :DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS SR & BGNR GOVT. ARTS & SCIENCE COLLEGE(A), KHAMMAM, KHAMMAM DISTRICT, TELANGANA STATE, INDIA-507001. Email: Phone+918686206907 Khammam ----------- ----------- **3)M. SRINIVASA RAO (Lecturer)** Address of Applicant :DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS SR & BGNR GOVT. ARTS & SCIENCE COLLEGE(A), KHAMMAM, KHAMMAM DISTRICT, TELANGANA STATE, INDIA-507001. Email: Phone+916303546939 Khammam ----------- ----------- **4)J.V.S. ARUNDATHI (Lecturer)** Address of Applicant :DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS SR & BGNR GOVT. ARTS & SCIENCE COLLEGE(A), KHAMMAM, KHAMMAM DISTRICT, TELANGANA STATE, INDIA-507001. Email: Phone+918639168744 Khammam **5)V. PULLARAO (Lecturer)** Address of Applicant :DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS SR & BGNR GOVT. ARTS & SCIENCE COLLEGE(A), KHAMMAM, KHAMMAM DISTRICT, TELANGANA STATE, INDIA-507001. Email : Phone+919398756062 Khammam **6)K. USHAPAVANI (Lecturer)** Address of Applicant :DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS SR & BGNR GOVT. ARTS & SCIENCE COLLEGE(A), KHAMMAM, KHAMMAM DISTRICT, TELANGANA STATE, INDIA-507001. Email: Phone+919154317942 Khammam **7)BABULU (Lecturer)** Address of Applicant :DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS SR & BGNR GOVT. ARTS & SCIENCE COLLEGE(A), KHAMMAM, KHAMMAM DISTRICT, TELANGANA STATE, INDIA-507001. Email: Phone: +919985238180 Phone: +918541022556 Khammam ----------- ----------- **8)D. PAVAN SRIVASTA (Student)** Address of Applicant :B.TECH. (EEE) III YEAR VASAVI COLLEGE OF ENGINEERING(AUTONOMOUS), HYDERABAD TELANGANA STATE, INDIA. Email: Khammam

(57) Abstract :

METHOD AND SYSTEM FOR DEPLOYING DEEP LEARNING TECHNIQUES FOR EFFICIENT BIG DATA ANALYTICS IN HEALTHCARE ENVIRONMENT ABSTRACT The

present invention provides an approach to deploying deep learning techniques for efficient big data analytics in healthcare environment. The method comprises one or more data stores to store and manage data within a network and one or more servers to facilitate operations using information from the one or more data stores; and a processing system using machine learning and big data analytics. The invention includes a data access interface to receive data associated with a subject, wherein the data is received from a data source comprising an internal data source and an external data source, wherein the internal data source comprises a financial database of a financial institution associated with the subject, and the external data source comprises a public database and a web feed associated with the subject.

No. of Pages : 20 No. of Claims : 5

FORM 2

THE PATENT ACT, 1970 (39

OF 1970)

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COMPLETE SPECIFICATION [SEE

SECTION 10 AND RULE 13]

TITLE: METHOD AND SYSTEM FOR DEPLOYING DEEP LEARNING TECHNIQUES FOR EFFICIENT BIG DATA ANALYTICS IN HEALTHCARE ENVIRONMENT	
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The following specification particularly describes the invention and the manner in which it is to be performed