

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201941044839 A

(19) INDIA

(22) Date of filing of Application :05/11/2019

(43) Publication Date : 08/11/2019

(54) Title of the invention : MACHINE LEARNING BASED COMPUTER IMPLEMENTED METHOD FOR PROVIDING SECURE ELECTRONIC MAIL COMMUNICATION IN CATEGORICAL BIG-DATA

(51) International classification :G06F21/62
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(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.GURU KESAVA DASU GOPISETTY

Address of Applicant :PROFESSOR & HOD OF CSE,
ELURU COLLEGE OF ENGINEERING AND
TECHNOLOGY::ELURU JNTUK, ON NH5-BYPASS
DUGGIRALA, ELURU-534007, ANDHRA PRADESH, INDIA
Andhra Pradesh India

2)DR.BALAJEE MARAM

3)DR.ARAVAPALLI RAMA SATISH

4)DR.D.JAYA KUMARI

5)DEVARASETTY PRASAD

6)DR.DOGIPARTHI DURGA PRASAD

(72)Name of Inventor :

1)DR.GURU KESAVA DASU GOPISETTY

2)DR.BALAJEE MARAM

3)DR.ARAVAPALLI RAMA SATISH

4)DR.D.JAYA KUMARI

5)DEVARASETTY PRASAD

6)DR.DOGIPARTHI DURGA PRASAD

(57) Abstract :

The present invention disclosure is related to a machine learning based computer implemented method for providing secure electronic mail communication. The disclosure solves the problems of identification and removal of spam email in large categorical data communication. The invention disclosure present a depth source tracing method of an input sample, which comprises a extracts the basic metadata of the sample, and a convergence processing is carried out to a variety of data of said extracted based on userTMs big data system, & relationship being presented between data and an object set of the sample. The method used a machine learning algorithm, which is processed by at least one processor of at least one computing device. The invention provides an encrypted connection for receiving and sending of the electronic mail between a numbers of the nodes of a communication network in big data communication module.

No. of Pages : 16 No. of Claims : 5



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 Department of Industrial Policy & Promotion,
 Ministry of Commerce & Industry,
 Government of India

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Application Details	
APPLICATION NUMBER	201941044839
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/11/2019
APPLICANT NAME	1 . DR.GURU KESAVA DASU GOPISETTY 2 . DR.BALAJEE MARAM 3 . DR.ARAVAPALLI RAMA SATISH 4 . DR.D.JAYA KUMARI 5 . DEVARASETTY PRASAD 6 . DR.DOGIPARTHI DURGA PRASAD
TITLE OF INVENTION	MACHINE LEARNING BASED COMPUTER IMPLEMENTED METHOD FOR PROVIDING SECURE ELECTRONIC MAIL COMMUNICATION IN CATEGORICAL BIG-DATA
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	mvrao239@gmail.com
ADDITIONAL-EMAIL (As Per Record)	mvrao239@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	08/11/2019

Application Status



Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

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Document Name	Created Date/Uploaded Date
201941044839-COMplete SPECIFICATION [05-11-2019(online)].pdf	05/11/2019
201941044839-DECLARATION OF INVENTORSHIP (FORM 5) [05-11-2019(online)].pdf	05/11/2019
201941044839-DRAWINGS [05-11-2019(online)].pdf	05/11/2019
201941044839-FORM 1 [05-11-2019(online)].pdf	05/11/2019
201941044839-FORM-9 [05-11-2019(online)].pdf	05/11/2019
201941044839-REQUEST FOR EARLY PUBLICATION(FORM-9) [05-11-2019(online)].pdf	05/11/2019
201941044839-STATEMENT OF UNDERTAKING (FORM 3) [05-11-2019(online)].pdf	05/11/2019

FORM 1
THE PATENTS ACT, 1970
(39 of 1970)
&
THE PATENTS RULES, 2003
APPLICATION FOR GRANT OF PATENT
[See sections 7,54 & 135 and rule 20(1)]

(FOR OFFICE USE ONLY)

Application No.:

Filing Date:

Amount of Fee Paid:

CBR No.:

Signature:

1. APPLICANT(S):

Sr.No.	Name	Nationality	Address	Country	State
1	DR.GURU KESAVA DASU GOPISETTY	India	PROFESSOR & HOD OF CSE, ELURU COLLEGE OF ENGINEERING AND TECHNOLOGY::ELURU JNTUK, ON NH5-BYPASS DUGGIRALA, ELURU- 534007, ANDHRA PRADESH, INDIA	India	Andhra Pradesh
2	DR.BALAJEE MARAM	India	ASSOCIATE PROFESSOR, DEPARTMENT OF CSE, GMR INSTITUTE OF TECHNOLOGY, RAJAM, GMR NAGAR, RAJAM- 532127, ANDHRA PRADESH, INDIA	India	Andhra Pradesh
3	DR.ARAVAPALLI RAMA SATISH	India	ASSISTANT PROFESSOR, SR.GRADE-1-SCHOOL OF CSE, VIT-AP UNIVERSITY, INAVOLU BESIDE AP SECRETERAIT-522237, ANDHRA PRADESH, INDIA	India	Andhra Pradesh
4	DR.D.JAYA KUMARI	India	PROFESSOR & HOD, DEPARTMENT OF CSE, SRI VASAVI ENGINEERING COLLEGE (AUTONOMUS), PEDATADEPALLI-534101, ANDHRA PRADESH, INDIA	India	Andhra Pradesh
5	DEVARASETTY PRASAD	India	ASSOCIATE PROFESSOR, DEPARTMENT OF CSE, DVR & DR.HS MIC COLLEGE OF TECHNOLOGY, KANCHIKACHARLA- 521180, KRISHNA DISTRICT, ANDHRA PRADESH, INDIA	India	Andhra Pradesh
6	DR.DOGIPARTHI	India	PROFESSOR & HOD,	India	Andhra

DURGA PRASAD	DEPARTMENT OF CSE, PSCMR COLLEGE OF ENGINEERING AND TECHNOLOGY, KOTHAPET, VIJAYAWADA-520001, KRISHNA DISTRICT, ANDHRA PRADESH-INDIA	Pradesh
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2. INVENTOR(S):

Sr.No.	Name	Nationality	Address	Country	State
1	DR.GURU KESAVA DASU GOPISETTY	India	PROFESSOR & HOD OF CSE, ELURU COLLEGE OF ENGINEERING AND TECHNOLOGY::ELURU JNTUK, ON NH5-BYPASS DUGGIRALA, ELURU- 534007, ANDHRA PRADESH, INDIA	India	Andhra Pradesh
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3	DR.ARAVAPALLI RAMA SATISH	India	ASSISTANT PROFESSOR, SR.GRADE-1-SCHOOL OF CSE, VIT-AP UNIVERSITY, INAVOLU BESIDE AP SECRETARAIT-522237, ANDHRA PRADESH, INDIA	India	Andhra Pradesh
4	DR.D.JAYA KUMARI	India	PROFESSOR & HOD, DEPARTMENT OF CSE, SRI VASAVI ENGINEERING COLLEGE (AUTONOMUS), PEDATADEPALLI-534101, ANDHRA PRADESH, INDIA	India	Andhra Pradesh
5	DEVARASETTY PRASAD	India	ASSOCIATE PROFESSOR, DEPARTMENT OF CSE, DVR & DR.HS MIC COLLEGE OF TECHNOLOGY, KANCHIKACHARLA-	India	Andhra Pradesh

			521180, KRISHNA DISTRICT, ANDHRA PRADESH, INDIA		
6	DR.DOGIPARTHI DURGA PRASAD	India	PROFESSOR & HOD, DEPARTMENT OF CSE, PSCMR COLLEGE OF ENGINEERING AND TECHNOLOGY, KOTHAPET, VIJAYAWADA-520001, KRISHNA DISTRICT, ANDHRA PRADESH-INDIA	India	Andhra Pradesh

3. TITLE OF THE INVENTION: MACHINE LEARNING BASED COMPUTER IMPLEMENTED METHOD FOR PROVIDING SECURE ELECTRONIC MAIL COMMUNICATION IN CATEGORICAL BIG-DATA

4. ADDRESS FOR CORRESPONDENCE OF APPLICANT / AUTHORISED PATENT AGENT IN INDIA:

DR.GURU KESAVA DASU GOPISETTY PROFESSOR & HOD OF CSE, ELURU COLLEGE OF ENGINEERING AND TECHNOLOGY::ELURU JNTUK, ON NH5-BYPASS DUGGIRALA, ELURU-534007, ANDHRA PRADESH, INDIA

Telephone No.:

Fax No.:

Mobile No:

E-mail: mvrao239@gmail.com

5. PRIORITY PARTICULARS OF THE APPLICATION(S) FILED IN CONVENTION COUNTRY:

Sr.No.	Country	Application Number	Filing Date	Name of the Applicant	Title of the Invention
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6. PARTICULARS FOR FILING PATENT COOPERATION TREATY (PCT) NATIONAL PHASE APPLICATION:

International Application Number	International Filing Date as Allotted by the Receiving Office
PCT//	

7. PARTICULARS FOR FILING DIVISIONAL APPLICATION

Original (first) Application Number	Date of Filing of Original (first) Application
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8. PARTICULARS FOR FILING PATENT OF ADDITION:

Main Application / Patent Number:	Date of Filing of Main Application
-----------------------------------	------------------------------------

9. DECLARATIONS:**(i) Declaration by the inventor(s)**

I/We ,DR.GURU KESAVA DASU GOPISETTY,DR.BALAJEE MARAM,DR.ARAVAPALLI RAMA SATISH,DR.D.JAYA KUMARI,DEVARASETTY PRASAD,DR.DOGIPARTHI DURGA PRASAD, is/are the true & first inventor(s) for this invention and declare that the applicant(s) herein is/are my/our assignee or legal representative.

(a) Date: -----

(b) Signature(s) of the inventor(s):

(c) Name(s): DR.GURU KESAVA DASU GOPISETTY,DR.BALAJEE MARAM,DR.ARAVAPALLI RAMA SATISH,DR.D.JAYA KUMARI,DEVARASETTY PRASAD,DR.DOGIPARTHI DURGA PRASAD

(ii) Declaration by the applicant(s) in the convention country

I/We, the applicant(s) in the convention country declare that the applicant(s) herein is/are my/our assignee or legal representative.

(a) Date: -----

(b) Signature(s) :

(c) Name(s) of the singnatory: DR.GURU KESAVA DASU GOPISETTY,DR.BALAJEE MARAM,DR.ARAVAPALLI RAMA SATISH,DR.D.JAYA KUMARI,DEVARASETTY PRASAD,DR.DOGIPARTHI DURGA PRASAD

(iii) Declaration by the applicant(s)

- **The Complete specification relationg to the invention is filed with this application.**
- **I am/We are, in the possession of the above mentioned invention.**
- **There is no lawful ground of objection to the grant of the Patent to me/us.**

10. FOLLOWING ARE THE ATTACHMENTS WITH THE APPLICATION:

Sr.	Document Description	FileName
1	REQUEST FOR EARLY PUBLICATION(FORM-9)	form 9.pdf
2	COMPLETE SPECIFICATION	FORM_2.pdf
3	DRAWINGS	Drawings.pdf
4	STATEMENT OF UNDERTAKING (FORM 3)	Form 3.pdf
5	DECLARATION OF INVENTORSHIP (FORM 5)	Form 5.pdf

I/We hereby declare that to the best of my/our knowledge, information and belief the fact and matters stated hering are correct and I/We request that a patent may be granted to me/us for the said invention.

Dated this(Final Payment Date): -----

Signature:

Name: Balram Singh Yadav

To The Controller of Patents
The Patent office at CHENNAI

This form is electronically generated.

Print

FORM 5

THE PATENT ACT 1970

(39 OF 1970) &

(As Amended)

DECLARATION AS TO INVENTORSHIP

[See sections 10(6) and Rule 13(6)]

1. NAME OF APPLICANT(S)

Sr.No.	Name	Nationality	Address
1	DR.GURU KESAVA DASU GOPISETTY	India	PROFESSOR & HOD OF CSE, ELURU COLLEGE OF ENGINEERING AND TECHNOLOGY::ELURU JNTUK, ON NH5-BYPASS DUGGIRALA, ELURU- 534007, ANDHRA PRADESH, INDIA
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Hereby declare that the true and first inventor(s) of the invention disclosed in the complete specification filed in pursuance of my/our application numbered _____ datedis

2. INVENTOR(S)

Sr.No.	Name	Nationality	Address
1	DR.GURU KESAVA DASU GOPISETTY	India	PROFESSOR & HOD OF CSE, ELURU COLLEGE OF ENGINEERING AND TECHNOLOGY::ELURU JNTUK, ON NH5-BYPASS DUGGIRALA, ELURU- 534007, ANDHRA PRADESH, INDIA
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Dated this 5th day of Nov., 2019

Signature:-

Balram Singh [IN/PA/2661]

AGENT FOR THE APPLICANTS

~~3. ECLARATION TO BE GIVEN WHEN THE APPLICATION IN INDIA
IS FILED BY THE APPLICANT (S) IN THE CONVENTION~~

COUNTRY:-

We the applicant(s) in the convention country hereby declare that our right to apply for a patent in India is by way of assignment from the true and first inventor(s):

Dated thisday of2019

Signature:-

_____ Name of Signatory:-

4. STATEMENT (to be signed by the additional inventor(s) not mentioned in the application form)

I/we assent to invention referred to in the above declaration, being included in the complete specification filed in pursuance of the stated application:

Dated thisday of2019

Signature of the additional inventor (s)

Name :

To,

The Controller of Patents

The Patent Office,

Chennai