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सत्यमेव जयते



पेटेंट कार्यालय, भारत सरकार

The Patent Office, Government Of India

पेटेंट प्रमाण पत्र

Patent Certificate

(पेटेंट नियमावली का नियम 74)

(Rule 74 of The Patents Rules)

पेटेंट सं. / Patent No.

469671

आवेदन सं. / Application No.

201841045710

फाइल करने की तारीख / Date of Filing

04/12/2018

पेटेंटी / Patentee

1.Dr. KANAKA DURGA RETURI 2.Dr. SRINIVASU BADUGU
3.K. SRUJAN RAJU 4.Dr. VAKA MURALI MOHAN

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित **SYSTEM FOR BLOCK CHAIN CLOUD SERVICE** नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख दिसम्बर 2018 के चौथे दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled **SYSTEM FOR BLOCK CHAIN CLOUD SERVICE** as disclosed in the above mentioned application for the term of 20 years from the 4th day of December 2018 in accordance with the provisions of the Patents Act, 1970.



(Signature)

Controller of Patents

अनुदान की तारीख : 16/11/2023

Date of Grant :

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, दिसम्बर 2020 के चौथे दिन को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।
Note - The fees for renewal of this patent, if it is to be maintained, will fall / has fallen due on 4th day of December 2020 and on the same day in every year thereafter.

*चूंकि पेटेंटी व आविष्कारकों की संख्या अधिक है, पेटेंटी व आविष्कारकों के नाम पृष्ठ संख्या 2 पर जारी हैं।
*Since the Number of Patentees / Inventors is more, the name of Patentees / Inventors are continued on Page No. 2



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पेटेंट प्रमाणपत्र के लिए अनुलग्नक/Annexure to Patent Certificate

पेटेंट सं. / Patent No.

469671

आवेदन सं. / Application No.

201841045710

फाइल करने की तारीख / Date of Filing

04/12/2018

पेटेंटी / Patentee (जारी/Continued)

5.D.R. RAMAKRISHNA MURTY 6.S. NAGA RAJU



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

(<http://ipindia.nic.in/index.htm>)



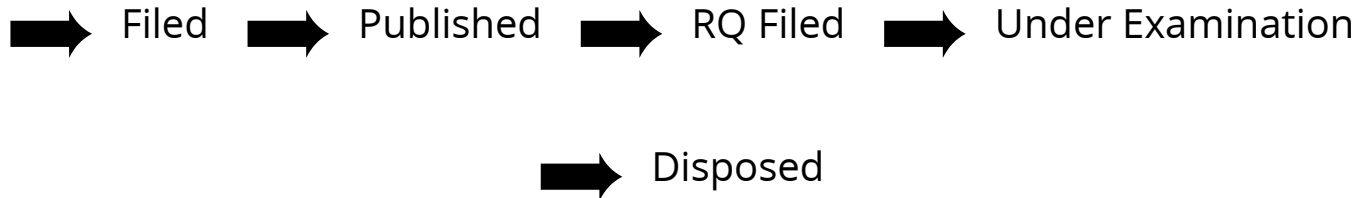
(<http://ipindia.nic.in/index.htm>)

Application Details	
APPLICATION NUMBER	201841045710
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	04/12/2018
APPLICANT NAME	1 . Dr. KANAKA DURGA RETURI 2 . Dr. SRINIVASU BADUGU 3 . K. SRUJAN RAJU 4 . Dr. VAKA MURALI MOHAN 5 . Dr. M. RAMAKRISHNA MURTY 6 . S. NAGA RAJU
TITLE OF INVENTION	SYSTEM FOR BLOCK CHAIN CLOUD SERVICE
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	ksrujanraju@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	02/12/2022
PUBLICATION DATE (U/S 11A)	07/12/2018
FIRST EXAMINATION REPORT DATE	17/01/2023
Date Of Certificate Issue	16/11/2023
REPLY TO FER DATE	14/07/2023

Application Status

APPLICATION STATUS

**Patent Granted. Waiting for
Publication Under Section 43(2),
Patent Number :469671**

[E-Register](#)[Order\(s\)/Decision\(s\)](#)[View Documents](#)

In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in



FORM 1
THE PATENTS ACT 1970
(39 OF 1970)

&
The Patents Rules, 2003
APPLICATION FOR GRANT OF
PATENT
(See section 7, 54 & 135 and rule 20 (1))

Application No: 201841045710
Filing Date: 4/12/2018
Amount of Fee Paid: 1750/-
CBR No: 34744
Signature: *[Signature]*

1. APPLICANTS

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S. NAGA RAJU	Indian	Associate Professor, Dept of CSE, Kakatiya Institute Of Technology And Science, Warangal, Telangana, India

2. INVENTORS

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04-Dec-2018/87460/201841045710/Form 1

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S. NAGA RAJU	Indian	Associate Professor, Dept of CSE, Kakatiya Institute Of Technology And Science, Warangal, Telangana, India
3. TITLE OF THE INVENTION "SYSTEM FOR BLOCK CHAIN CLOUD SERVICE"		
ADDRESS FOR CORRESPONDENCE Dr. KANAKA DURGA RETURI, Dean Academics and Professor of CSE, Malla Reddy College of Engineering for Women, Maisammaguda, Medchal, Hyderabad -500100, Telangana, India.		Mobile No.: +91 9885477515 Email id: ksrujanraju@gmail.com
5. PRIORITY PARTICULARS OF THE APPLICATION (S) FILED IN CONVENTION COUNTRY -NA-		
6. PARTICULARS FOR FILING PATENT COOPERATION TREATY (PCT) NATIONAL PHASE APPLICATION -NA-		
7. PARTICULARS FOR FILING DIVISIONAL APPLICATION -NA-		
8. PARTICULARS FOR FILING PATENT OF ADDITION -NA-		
9. DECLARATIONS: (i) Declaration by the Inventor(s) We, the named inventors are the true & first inventor for this invention and declare that the applicants herein is our assignee or legal representative.		

Date:

Inventor Name	Inventor Signature
Dr. KANAKA DURGA RETURI	R. Kanaka Durga
Dr. SRINIVASU BADUGU	Srinivasu
K. SRUJAN RAJU	KSRJ
Dr. VAKA MURALI MOHAN	V. Murali Mohan
Dr. M. RAMAKRISHNA MURTY	Rama Krishna
S. NAGA RAJU	S. Naga Raju

(ii) Declaration by the applicant in the convention country

-NA-

(iii) Declaration by the Applicant

- ✓ We are in possession of the above-mentioned invention
- ✓ The complete specification relating to the invention is filed with this application

The invention as disclosed in the specification uses the biological material from India and the necessary permission from the competent authority shall be submitted by me before the grant of patent to me

- ✓ There is no lawful ground of objection to the grant of the patent to me
- ✓ We are the assignee or legal representative of true & first inventors

The application or each of the applications, particulars of which are given in Para 5 was the first application in convention country in respect of my invention

We claim the priority from the above mentioned application filed in convention country and state that no application for protection in respect of the invention had been made in a convention country before that date by me or by any person from which I derive the title

Our application in India is based on international application under Patent Cooperation Treaty (PCT) as mentioned in Para-6

The application is divided out of my application particulars of which are given in Para - 7

and pray that this application may be treated as deemed to have been filed on 27/01/2010 under sec. 16 of the Act

The said invention is an improvement in or modification of the invention particulars of which are given in Para - 8

10. Following are the attachments with the application:

- (a) Complete specification
- (b) Drawings
- (c) Statement and undertaking on Form 3
- (d) Declaration of Inventor ship on Form 5
- (d) Request for Early Publication Form 9

Fee Rs 4,510 in DD

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

Dated this 03-12-2018

Applicant Signature: *R. Kanaka Durga*
Applicant Name: Dr. KANAKA DURGA RETURI

Applicant Signature: *Srinivasu*
Applicant Name: Dr. SRINIVASU BADUGU

Applicant Signature: *K. Sravan*
Applicant Name: K. SRUJAN RAJU

Applicant Signature: *V. H. Murali Mohan*
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Applicant Signature: *Rama Krishna*
Applicant Name: Dr. M. RAMAKRISHNA MURTY

Applicant Signature: *S. Naga Raju*
Applicant Name: S. NAGA RAJU

To,
The Controller of Patent
The Patent Office, at Chennai

PATENT OFFICE CHENNAI 05/12/2018 14:39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201841045710 A

(19) INDIA

(22) Date of filing of Application :04/12/2018

(43) Publication Date : 07/12/2018

(54) Title of the invention : SYSTEM FOR BLOCK CHAIN CLOUD SERVICE

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		4)Dr. VAKA MURALI MOHAN
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		6)S. NAGA RAJU
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		3)K. SRUJAN RAJU
		4)Dr. VAKA MURALI MOHAN
		5)Dr. M. RAMAKRISHNA MURTY
		6)S. NAGA RAJU
(51) International classification	:G06Q20/40	
(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	

(57) Abstract :

Exemplary embodiments of the present disclosure are directed towards system for block chain cloud service comprising of: layer built into the block chain PaaS service cloud service frame system, comprising: a common management module responsible for consensus mechanisms between nodes connected to the chain block; a communication management module, for the data transmission between the node and the block chain; and a data storage module for storing the whole tile of the block chain information, status information, and source information.

No. of Pages : 13 No. of Claims : 10