

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KRISHNA KUMAR YADAV NUKALA	08/01/2018
VIKAS PULLAGURA	07/24/2018
SHAMAYEL MOHAMMED FAROOQUI	07/24/2018
JAGADISHWARA CHARY SRIRAMOJU	07/24/2018
LAKSHMI PRIYA VENNAPUSA	07/24/2018
DHARANIDHAR SAHU	07/24/2018
RAMANA NAGA VENKATA MITTAPALLI	07/24/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CA, INC.
<b>Street Address:</b>	520 MADISON AVENUE
<b>City:</b>	NEW YORK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10022
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16050081
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Email:</b>	jjones@sagepat.com
<b>Correspondent Name:</b>	DAVID K. PURKS
<b>Address Line 1:</b>	PO BOX 30789
<b>Address Line 2:</b>	SAGE PATENT GROUP
<b>Address Line 4:</b>	RALEIGH, NORTH CAROLINA 27622-0789
<b>ATTORNEY DOCKET NUMBER:</b>	1100-180269
<b>NAME OF SUBMITTER:</b>	DAVID K. PURKS
<b>SIGNATURE:</b>	/David K. Purks/
<b>DATE SIGNED:</b>	09/10/2018

**Total Attachments: 3**

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**ASSIGNMENT**

THIS ASSIGNMENT, made by us, **Krishna Kumar Yadav Nukala**, a citizen of India, residing at Plot No. 14, Lake View Colony, Nizampet, Hyderabad, Telangana 500049 India; **Vikas Pullagura**, a citizen of India, residing at 11-1-288, Santhi Nagar-1<sup>st</sup> Street, Kovur, Nellore District, Andhra Pradesh 524137 India; **Shamayel Mohammed Farooqui**, a citizen of India, residing at Apt 208, Solitaire Banjara, Banjara Hills Rd 10, Hyderabad 500034 India; **Jagadishwara Chary Sriramoju**, a citizen of India, residing at Sai Jyothi Apartment, Flat No. 503, Street No. 2, Karthikeya Nagar, Nacharam, Hyderabad, Telangana 500076 India, **Lakshmi Priya Vennapusa**, a citizen of India, residing at H.No:7/4, Buchupalli, Thondur, Pulivendula, Kadapa, Andhra Pradesh 516401 India, **Dharanidhar Sahu**, a citizen of India, residing at H.No. 49-302, PadmaNagar Colony ph-1, chintal, Hyderabad, Telangana 500037 India, and **Ramana Naga Venkata Mittapalli**, a citizen of India, residing at Flat #G3, SRI Krishnamani Apartment, Hanuman Nagar, Manikonda, Hyderabad, Telangana 431401 India;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in **DYNAMICALLY CONTROLLING FIREWALL PORTS BASED ON SERVER TRANSACTIONS TO REDUCE RISKS** for which an application for United States Letters Patent has been filed, or is being concurrently filed, in the United States Patent and Trademark Office. I hereby authorize and request Sage Patent Group to insert here in parentheses (Application No. 16/050,081, filed July 31, 2018 ) the filing date and application number of said application when known or to file this Assignment concurrently with the application; and

WHEREAS, **CA, Inc.**, a Delaware corporation having a principal place of business at 520 Madison Avenue, New York, New York, 10022, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and provisional application, and in and to any and all subsequent patent applications which claim the benefit of

priority from said provisional application including regular utility, continuations, and continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted for the invention in or on applications claiming the benefit of priority from said provisional application, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereof or therefor, together with the right to claim the benefit of priority from said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.


We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and provisional application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 01<sup>st</sup> day of

August, 2018.

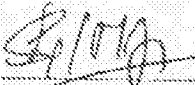
  
\_\_\_\_\_  
**Krishna Kumar Yadav Nukala**

(SEAL)

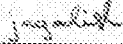
IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 24<sup>th</sup> day of July, 2018.

  
\_\_\_\_\_  
Vikas Pullagura (SEAL)


IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 26<sup>th</sup> day of July, 2018.

  
\_\_\_\_\_  
Shamayel Mohammed Farooqui (SEAL)


IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 26<sup>th</sup> day of July, 2018.

  
\_\_\_\_\_  
Jagadishwara Chary Sriramoju (SEAL)

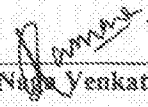
IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 24<sup>th</sup> day of July, 2018.

  
\_\_\_\_\_  
Lakshmi Priya Venusapusa (SEAL)

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 24<sup>th</sup> day of July, 2018.

  
\_\_\_\_\_  
Dharanidhar Sahu (SEAL)

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 24<sup>th</sup> day of July, 2018.

  
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Ramana Naga Venkats Mittapalli (SEAL)