PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES D. RENO	05/28/2014
THOMAS E. HAMILTON III	05/29/2014
KENNETH WILLIAM SCOTT MORRISON	05/29/2014

RECEIVING PARTY DATA

Name:	CA, INC.
Street Address:	ONE CA PLAZA
City:	ISLANDIA
State/Country:	NEW YORK
Postal Code:	11749

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14291484

CORRESPONDENCE DATA

Fax Number: (919)854-1401

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.

Phone: 919-854-1400

Email: kcarlos@myersbigel.com

Correspondent Name: MYERS BIGEL SIBLEY & SAJOVEC, P.A./KSC

Address Line 1: P.O. BOX 37428

Address Line 4: RALEIGH, NORTH CAROLINA 27627

ATTORNEY DOCKET NUMBER:	1100-140224
NAME OF SUBMITTER:	KIRSTEN S. CARLOS
SIGNATURE:	/ksc/
DATE SIGNED:	05/30/2014

Total Attachments: 4

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PATENT 502831016 REEL: 032996 FRAME: 0790

ASSIGNMENT

THIS ASSIGNMENT, made by us **James D. Reno**, a citizen of the United States of America, residing at 13 Kerry Court, Scotts Valley, California 95066; **Thomas E. Hamilton**, **III**, a citizen of the United States of America, residing at 12 Kato Drive, Sudbury, Massachusetts 01776; and **Kenneth William Scott Morrison**, a citizen of Canada, residing at 905 Dublin Street, New Westminster, BC V3M 2Y5, Canada;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in,

MANIPULATING API REQUESTS TO INDICATE SOURCE COMPUTER

APPLICATION TRUSTWORTHINESS, 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. We hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to
insert here in parentheses (Application No. 491,484, filed 100,0014) 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 One CA Plaza, Islandia, New York, 11749, 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 application, and in and to any and all continuations, 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 therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of 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.

PATENT REEL: 032996 FRAME: 0791

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 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, we have hereunto set our hands and seals on this day

James D. Reno (SEAL)

Attorney Docket No. 1100-140224/US20140224US1

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this $\frac{29 \text{ fb}}{29 \text{ fb}}$ day of $\frac{\text{Way}}{29 \text{ fb}}$, 2014.

Thomas E. Hamilton, III

I)	WITNESS V	WHEREOF,	we have hereunto set	our hands and se	eals on this $\angle \mathcal{I}$
day of	May	, 2014.		g garaget	
				and the second seco	
					(SEAL)
			Kenneth William S	Scott Morrison	the same of the same

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