

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Nathan J. Giardina</td> <td>03/05/2013</td> </tr> <tr> <td>Beau Croteau</td> <td>03/05/2013</td> </tr> <tr> <td>David S. Tyree</td> <td>03/05/2013</td> </tr> <tr> <td>Robert Hucik</td> <td>03/07/2013</td> </tr> </tbody> </table>		Name	Execution Date	Nathan J. Giardina	03/05/2013	Beau Croteau	03/05/2013	David S. Tyree	03/05/2013	Robert Hucik	03/07/2013
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<table border="1"> <tr> <td>Name:</td> <td>CA, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>One CA Plaza</td> </tr> <tr> <td>City:</td> <td>Islandia</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>11749</td> </tr> </table>		Name:	CA, Inc.	Street Address:	One CA Plaza	City:	Islandia	State/Country:	NEW YORK	Postal Code:	11749
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13793125</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13793125						
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CORRESPONDENCE DATA											
<p>Fax Number: 9198541401 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>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</p>											
ATTORNEY DOCKET NUMBER:	1100-130019										
NAME OF SUBMITTER:	Kirsten S. Carlos										
<p>Total Attachments: 6 source=20130019_Assignment_03112013#page1.tif</p>											

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ASSIGNMENT

THIS ASSIGNMENT, made by us **Nathan J. Giardina**, a citizen of the United States of America, residing at 8012 Chalet Place, San Diego, California 92126; **Beau Croteau**, a citizen of the United States of America, residing at 1380 Peters Boulevard, Bay Shore, New York 11706; **David S. Tyree**, a citizen of the United States of America, residing at 4335 Stuart Street, Denver, Colorado 80212; and **Robert Hucik**, a citizen of the United States of America, residing at 502 Arbor Court, Simi Valley, California 93065

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in, **SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR AN AUTOMATED TEST FRAMEWORK**, 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. 13/793,125, filed March 11, 2013) 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;

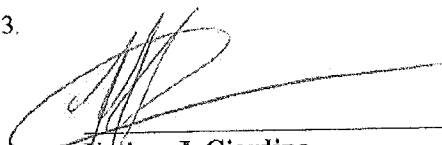
NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, 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.

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.

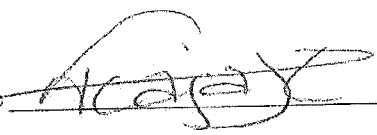
IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 5th
day of March, 2013.

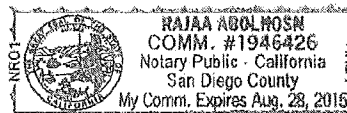


Nathan J. Giardina (SEAL)

STATE OF CALIFORNIA)
)
SAN DIEGO COUNTY)


On 03/05/2013 before me, Rajna Abolhosn, notary public
(insert name and title of the officer) personally appeared
Nathan J. Giardina, who proved to me on the
basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and
acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the
instrument the person, or the entity upon behalf of which the person acted, executed the instrument. I
certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.
WITNESS my hand and official seal.

Signature  (Seal)



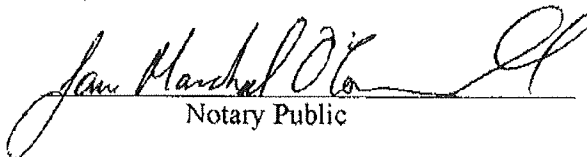
My Commission Expires: 08-28-2015

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 5th
day of March, 2013.


Beau Croteau (SEAL)

STATE OF NEW YORK)
)
SUFFOLK COUNTY)

Before me personally appeared the person described in and who executed the
foregoing instrument, and he acknowledged to me that he executed the same for the purposes
therein stated, this 5th day of March, 2013.


Notary Public

SEAL

My Commission Expires: 3-26-2016

JAMIE MARSHAL O'CONNELL
Notary Public - State of New York
NO. 01008258274
Qualified in Suffolk County
My Commission Expires March 26, 2016

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 5th
day of MARCH, 2013.

David S. Tyree (SEAL)
David S. Tyree

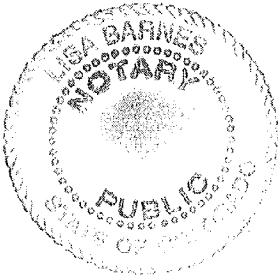
STATE OF COLORADO)
JEFFERSON COUNTY)

Before me personally appeared the person described in and who executed the
foregoing instrument, and he acknowledged to me that he executed the same for the purposes
therein stated, this 5th day of MARCH, 2013.

Lisa Barnes
Notary Public

SEAL

My Commission Expires: 2/5/14



IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 7th
day of March, 2013.



Robert Hucik

(SEAL)

STATE OF CALIFORNIA)
)
VENTURA COUNTY)

On _____ before me, _____
(insert name and title of the officer) personally appeared

_____, who proved to me on the
basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and
acknowledged to me that he executed the same in his authorized capacity, and that by his signature on
the instrument the person, or the entity upon behalf of which the person acted, executed the
instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that
the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____ (Seal)

My Commission Expires: _____