

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3389309

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	JAMES ALLEN COX	08/06/2014
	ZHENG ZHAO	08/06/2014
	BARRY DEVILLE	08/06/2014
	ARILA BARNES	08/01/2014
	JARED PETERSON	08/06/2014
	SAMANTHA DUPONT	08/07/2014
	RUSSEL ALBRIGHT	08/05/2014
RECEIVING PARTY DATA		
Name:	SAS INSTITUTE INC.	
Street Address:	SAS CAMPUS DRIVE	
City:	CARY	
State/Country:	NORTH CAROLINA	
Postal Code:	27513	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	14662443	
CORRESPONDENCE DATA		
Fax Number:	(202)204-5622	
<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>		
Phone:	202-639-4720	
Email:	vward@kilpatricktownsend.com	
Correspondent Name:	MATT KITCES	
Address Line 1:	TWO EMBARCADERO CENTER, EIGHTH FLOOR	
Address Line 4:	SAN FRANCISCO, CALIFORNIA 94111-3834	
ATTORNEY DOCKET NUMBER:	94926-008221US-937522	
NAME OF SUBMITTER:	MATTHEW T. KITCES	
SIGNATURE:	/MATTHEW T. KITCES/	
DATE SIGNED:	06/09/2015	

Total Attachments: 9

source=Executed Assignment#page1.tif

source=Executed Assignment#page2.tif

source=Executed Assignment#page3.tif

source=Executed Assignment#page4.tif

source=Executed Assignment#page5.tif

source=Executed Assignment#page6.tif

source=Executed Assignment#page7.tif

source=Executed Assignment#page8.tif

source=Executed Assignment#page9.tif

ASSIGNMENT
(Patent Application)

We, the undersigned, have invented certain inventions and improvements disclosed in a utility (provisional or non-provisional) or design patent application entitled

"SYSTEMS AND METHODS FOR INTERACTIVE DISPLAYS BASED ON ASSOCIATIONS FOR MACHINE-GUIDED RULE CREATION,"

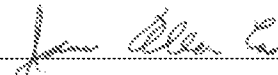
the specification of which is provided with this Assignment and identified by the Application Serial No. 14/337,203 filed on July 21, 2014 (Attorney Docket No. 94926-008220US-913118)

For one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which we acknowledge, we:

1. Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to SAS Institute Inc., a corporation having a principal place of business at SAS Campus Drive, Cary, North Carolina 27513 ("Assignee"), the entire right, title, and interest in and to:
 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
 - (b) the above-referenced patent application, the right to claim priority to the above-referenced patent application, all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
 - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and

- (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.
- 2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
- 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
- 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
- 5. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.
- 6. Authorize Kilpatrick Townsend & Stockton to insert above the application number and filing date of the above-described patent application when known.

Signed on the dates indicated beside our signatures.

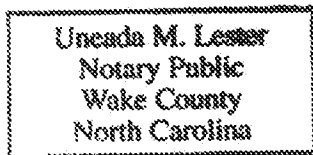
Signature: 
James Allen Cox

Date: 8 - ~~May~~

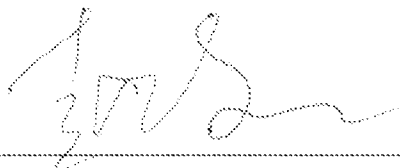
STATE OF North Carolina, County of Wake

Before me, a Notary Public in and for the State of North Carolina, on this 6th day of August, 2014, personally appeared, who being duly sworn, signed and acknowledged the foregoing Assignment as his/her free act and deed.

(Seal)




NOTARY PUBLIC Uneada M. Lester
My Commission Expires: 07/25/2019

Signature: 
Zheng Zhao

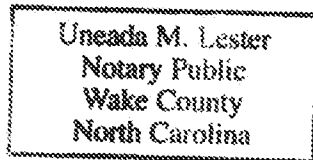
Date: 8-6-2014

STATE OF North Carolina, County of Wake

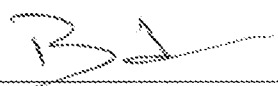
Before me, a Notary Public in and for the State of North Carolina, on this 4th day of AUGUST, 2014, personally appeared, who being duly sworn, signed and acknowledged the foregoing Assignment as his/her free act and deed.

(Seal)


NOTARY PUBLIC Uneada M. Lester
My Commission Expires: 07/25/2019



ASSIGNMENT
SYSTEMS AND METHODS FOR INTERACTIVE DISPLAYS BASED ON
ASSOCIATIONS FOR MACHINE-GUIDED RULE CREATION
Attorney Docket No. 94926-008220US-913118
Page 5 of 9

Signature: 
Barry DeVille

Date: Aug 6, 2014

STATE OF North Carolina, County of Wake

Before me, a Notary Public in and for the State of North Carolina, on this 6th day of August, 2014, personally appeared, who being duly sworn, signed and acknowledged the foregoing Assignment as his/her free act and deed.

(Seal)


NOTARY PUBLIC Uneada M. Lester
My Commission Expires: 07/25/2019

Uneada M. Lester
Notary Public
Wake County
North Carolina

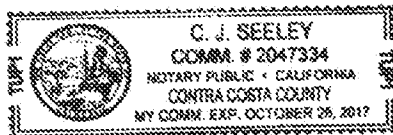
ASSIGNMENT
SYSTEMS AND METHODS FOR INTERACTIVE DISPLAYS BASED ON
ASSOCIATIONS FOR MACHINE-GUIDED RULE CREATION
Attorney Docket No. 94926-008220US-913118
Page 6 of 9

Signature: *Arla Hamaama-Barnes* Date: 8/1/2014
Arla Barnes

STATE OF CALIFORNIA

Before me, a Notary Public in and for the State of CALIFORNIA, on this 1 day of
August, 2014, personally appeared, who being duly sworn, signed and acknowledged
the foregoing Assignment as his/her free act and deed.

(Seal)

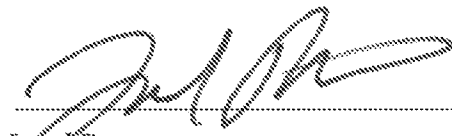


[Signature]
NOTARY PUBLIC
My Commission Expires:

66436808V.1

ASSIGNMENT
SYSTEMS AND METHODS FOR INTERACTIVE DISPLAYS BASED ON
ASSOCIATIONS FOR MACHINE-GUIDED RULE CREATION
Attorney Docket No. 94926-008220US-913118
Page 7 of 9

Signature: _____


Jared Peterson

Date: _____

8/6/2014

STATE OF North Carolina, County of Wake

Before me, a Notary Public in and for the State of North Carolina, on this 6th day of August, 2014, personally appeared, who being duly sworn, signed and acknowledged the foregoing Assignment as his/her free act and deed.

(Seal)


NOTARY PUBLIC Uneada M. Lester
My Commission Expires: 07/25/2019

Uneada M. Lester
Notary Public
Wake County
North Carolina

Signature: Samantha DuPont

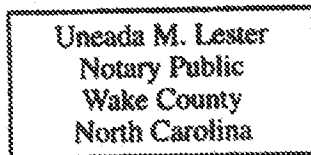
Samantha DuPont

Date: 8/7/2014

STATE OF North Carolina, County of Wake

Before me, a Notary Public in and for the State of North Carolina, on this 7th day of AUGUST, 2014, personally appeared, who being duly sworn, signed and acknowledged the foregoing Assignment as his/her free act and deed.

(Seal)



Uneada M. Lester

NOTARY PUBLIC Uneada M. Lester

My Commission Expires: 07/25/2019

Signature: _____

Russel Albright

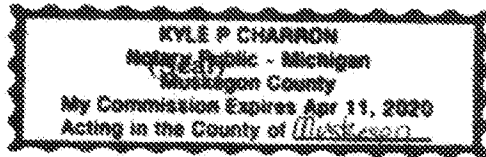
Date: _____

8/5/14

STATE OF _____

Michigan

Before me, a Notary Public in and for the State of Michigan, on this 5th day of August, 2014, personally appeared, who being duly sworn, signed and acknowledged the foregoing Assignment as his/her free act and deed.



NOTARY PUBLIC
My Commission Expires: _____

66436808V.1