PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignee: The Boeing Company P.O. Box 2515 MC 110-SD54, Seal Beach, California 90740-2515 previously recorded on Reel 029899 Frame 0054. Assignor(s) hereby confirms the Assignee: The Boeing Company 100 North Riverside Plaza, Chicago Illinois 60606-2515.	

CONVEYING PARTY DATA

Name	Execution Date
Tomas Singliar	02/28/2013
William R. Murray	02/28/2013
Robert E. Cranfill	02/28/2013
Drago D. Margineantu	02/28/2013

RECEIVING PARTY DATA

Name:	The Boeing Company	
Street Address:	100 North Riverside Plaza	
City:	Chicago	
State/Country:	ILLINOIS	
Postal Code:	60606-2016	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13781211

CORRESPONDENCE DATA

Fax Number: 3146122307

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 314-621-5070

Email: uspatents@armstrongteasdale.com

Correspondent Name: Patent Docket Department Armstrong Teasdale LLP Address Line 1: 7700 Forsyth Blvd., Suite 1800 Address Line 2: Address Line 4: St. Louis, MISSOURI 63105

ATTORNEY DOCKET NUMBER: 12-1866-US-NP (24691-607)

PATENT

REEL: 030192 FRAME: 0690

502305873

NAME OF SUBMITTER:	Robert B. Reeser III
Signature:	/Robert B. Reeser III/
Date:	04/10/2013
Total Attachments: 11 source=12-1866-US-NPCorrectedAssignments	ent10APR2013-15138663#page2.tif ent10APR2013-15138663#page3.tif ent10APR2013-15138663#page4.tif ent10APR2013-15138663#page5.tif ent10APR2013-15138663#page6.tif ent10APR2013-15138663#page7.tif ent10APR2013-15138663#page8.tif ent10APR2013-15138663#page9.tif ent10APR2013-15138663#page9.tif ent10APR2013-15138663#page9.tif

PATENT REEL: 030192 FRAME: 0691



United States Patent and Trademark Office





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Confirmation Receipt

Your assignment has been received by the USPTO. The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT		
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignee: The Boeing Company P.O. Box 2515 MC 110- SD54 Seal Beach, CA 90740-2515 previously recorded on Reel 029899 Frame 0054. Assignor(s) hereby confirms the Assignee: The Boeing Company 100 North Riverside Plaza Chicago Illinois 60606-2515.		

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Name	Execution Date
Tomas Singliar	02/28/2013
William R. Murray	02/28/2013
Robert E. Cranfill	02/28/2013
Dragos D. Margineantu	02/28/2013

RECEIVING PARTY DATA

Name:	The Boeing Company	
Street Address:	100 North Riverside Plaza	
City:	Chicago	
State/Country:	ILLINOIS	
Postal Code:	60606-2016	

PROPERTY NUMBERS Total: 1

Property Type	Number	

PATENT 3/13/2013

REEL: 030192 FRAME: 0692

Application Number: 1378	211		
CORRESPONDENCE DATA			
Fax Number: 3146122307 Phone: 314-621-5070 Email: uspatents@armstrongteasdale.com Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail. Correspondent Name: Patent Docket Department Address Line 1: Armstrong Teasdale LLP Address Line 2: 7700 Forsyth Blvd., Suite 1800 Address Line 4: St. Louis, MISSOURI 63105			
ATTORNEY DOCKET NUMBER:	12-1866-US-NP (24691-607)		
NAME OF SUBMITTER: Robert B. Reeser III			
Signature: /Robert B. Reeser III/			
Date: 03/13/2013			
Total Attachments: 6 source=12-886-US-NPAssignmentCorrected13MAR2013-14947173#page1.tif source=12-886-US-NPAssignmentCorrected13MAR2013-14947173#page2.tif source=12-886-US-NPAssignmentCorrected13MAR2013-14947173#page3.tif source=12-886-US-NPAssignmentCorrected13MAR2013-14947173#page4.tif source=12-886-US-NPAssignmentCorrected13MAR2013-14947173#page5.tif source=12-886-US-NPAssignmentCorrected13MAR2013-14947173#page6.tif			
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EPAS ID: PAT230694 Receipt Date: 03/13/2013 Fee Amount: \$40	0		

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REEL: 030192 FRAME: 0693

ASSIGNMENT	Attorney Docket No.
	12-1866-US-NP (24691-607)

WHEREAS, Tomas Singliar, residing at Sammamish, Washington, William R. Murray, residing at Seattle, Washington, Robert E. Cranfill, residing at Seattle, Washington, Dragos D. Margineantu, residing at Believue, Washington, (hereinafter "Assignor"), has/have invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled METHODS AND SYSTEMS FOR PROCESSING NATURAL LANGUAGE FOR MACHINE LEARNING for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor concurrently herewith; or if filed on _______ as Application No. ______

WHEREAS, The Boeing Company, a corporation organized and existing under the laws of the State of Delaware, US, having a place of business at 100 North Riverside Plaza, Chicago, Illinois 60606-2016, with a mailing address of P.O. Box 2515 MC 110-SD54 Seal Beach, CA 90740-2515, USA (hereinafter called "the Assignee"), is desirous of acquiring the entire right, title and interest in and to the invention within the United States of America and its territorial possessions and all foreign countries, and in and to any United States or foreign LETTERS PATENT that may be granted therefore;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor has assigned, sold and transferred, and does assign, sell and transfer to the Assignee, its successors and assigns, the entire right, title and interest in and to the Invention within the United States of America and its territorial possessions and all foreign countries, and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants that may be granted for any and all portions thereof, and in and to the patent application identified above and applications for patent filed for the invention in all foreign countries and all provisional, divisional, reissue, continuation, continuation-in-part applications and extensions of any of the applications for patent or LETTERS PATENT identified herein, including all applications claiming the priority of said applications for patent or LETTERS PATENT identified herein, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of the United States LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America. Assignce will hold all rights for its own use and benefit and for the use and benefit of its successors or assigns to the full end of the term for which the LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. Assignor requests and authorizes the Commissioner of the U.S. Patent and Trademark Office, and foreign counterpart officials of foreign patent offices, to issue respective LETTERS PATENT in the United States and foreign countries when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the Invention, which title Assignor warrants to the Assignee. Assignor further agrees that Assignor will, without demanding any further consideration therefore, at the request and expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, relssuing or reexamining United States and foreign LETTERS PATENT or the like for the Invention, and for maintaining and perfecting the Assignee's right to the Invention and LETTERS PATENT particularly in cases of interference conflict, opposition and litigation.

IN TESTIMONY WHER	EOF, I'We have signed this Ass	signment on the date specified below.	
56	2/28/2013	•	
Tomas Singliar	DATE	William R. Murray	DATE
Robert E. Cranfill	DATE	Dragos D. Margineantu	DATE

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The Boeing Company

425-373-2969 >>

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ASSIGNMENT	Attorney Docket No.	
	12-1866-US-NP (24691-607)	

WHEREAS, Tomas Singliar, residing at Sammamish, Washington, William R. Murray, residing at Seattle, Washington, Robert E. Cranfill, residing at Seattle, Washington, Dragos D. Margineantu, residing at Bellevue, Washington, (hereinafter "Assignor"), has/have invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled METHODS AND SYSTEMS FOR PROCESSING NATURAL LANGUAGE FOR MACHINE LEARNING for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor as Concurrently herewith; or filled on _______ as Application No. _______

WHEREAS, The Boeing Company, a corporation organized and existing under the laws of the State of Delaware, US, having a place of business at 100 North Riverside Plaza, Chicago, Illinois 60606-2016, with a mailing address of P.O. Box 2515 MC 110-SD54 Seal Beach, CA 90740-2515, USA (hereinafter called "the Assignee"), is desirous of acquiring the entire right, title and interest in and to the Invention within the United States of America and its territorial possessions and all foreign countries, and in and to any United States or foreign LETTERS PATENT that may be granted therefore;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor has assigned, sold and transferred, and does assign, sell and transfer to the Assignee, its successors and assigns, the entire right, title and interest in and to the invention within the United States of America and its territorial possessions and all foreign countries, and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants that may be granted for any and all portions thereof, and in and to the patent application identified above and applications for patent filed for the Invention in all foreign countries and all provisional, divisional, reissue, continuation, continuation-in-part applications and extensions of any of the applications for patent or LETTERS PATENT identified herein, including all applications claiming the priority of said applications for patent or LETTERS PATENT identified herein, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of the United States LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America. Assignee will hold all rights for its own use and benefit and for the use and benefit of its successors or assigns to the full end of the term for which the LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. Assignor requests and authorizes the Commissioner of the U.S. Patent and Trademark Office, and foreign counterpart officials of foreign patent offices, to issue respective LETTERS PATENT in the United States and foreign countries when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the Invention, which title Assignor warrants to the Assignee. Assignor further agrees that Assignor will, without demanding any further consideration therefore, at the request and expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the Invention, and for maintaining and perfecting the Assignee's right to the Invention and LETTERS PATENT particularly in cases of interference conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I/We have signed this Assignment on the date specified below.

Tomas Singliar	DATE	William R. Murray	2/28 2013
Robert E. Cranfill	DATE	Dragos D. Margineantu	DATE

I of I

ASSIGNMENT

Attorney Docket No.

12-1866-US-NP (24691-607)

WHEREAS, Tomas Singliar, residing at Sammamish, Washington, William R. Murray, residing at Seattle, Washington, Robert E. Cranfill, residing at Seattle, Washington, Dragos D. Margineantu, residing at Bellevue, Washington, (hereinafter "Assignor"), has/have invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled METHODS AND SYSTEMS FOR PROCESSING NATURAL LANGUAGE FOR MACHINE LEARNING for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor a concurrently herewith; or filed on as Application No.

WHEREAS, The Boeing Company, a corporation organized and existing under the laws of the State of Delaware, US, having a place of business at 100 North Riverside Plaza, Chicago, Illinois 60606-2016, with a mailing address of P.O. Box 2515 MC 110-SD54 Seal Beach, CA 90740-2515. USA (hereinafter called "the Assignee"), is desirous of acquiring the entire right, title and interest in and to the Invention within the United States of America and its territorial possessions and all foreign countries, and in and to any United States or foreign LETTERS PATENT that may be granted therefore;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged. Assignor has assigned, sold and transferred, and does assign, sell and transfer to the Assignee, its successors and assigns, the entire right, title and interest in and to the Invention within the United States of America and its territorial possessions and all foreign countries, and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants that may be granted for any and all portions thereof, and in and to the patent application identified above and applications for patent filed for the Invention in all foreign countries and all provisional, divisional, reissue, continuation, continuation-in-part applications and extensions of any of the applications for patent or LETTERS PATENT identified herein, including all applications claiming the priority of said applications for patent or LETTERS PATENT identified herein, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention. for the protection of industrial property, together with the right to extend the protection of the United States LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America. Assignee will hold all rights for its own use and benefit and for the use and benefit of its successors or assigns to the full end of the term for which the LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. Assignor requests and authorizes the Commissioner of the U.S. Patent and Trademark Office, and foreign counterpart officials of foreign patent offices, to issue respective LETTERS PATENT in the United States and foreign countries when granted. in accordance with this assignment.

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IN TESTIMONY WHEREOF, I/We have signed this Assignment on the date specified below.

Tomas Singliar	DATE	William R. Murray	DATE
Part Carre	2/20/13		
Robert E. Cranfill	DAT	Dragos D. Margineantu	DATE

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The Boeing Company

425-373-2969 >>

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ASSIGNMENT	Attorney Docket No.	
	12-1866-US-NP (24691-607)	

WHEREAS, Tomas Singliar, residing at Sammamish, Washington, William R. Murray, residing at Seattle, Washington, Robert E. Cranfill, residing at Seattle, Washington, Dragos D. Margineants, residing at Bellevue, Washington, (hereinafter "Assignor"), has/have invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled METHODS AND SYSTEMS FOR PROCESSING NATURAL LANGUAGE FOR MACHINE LEARNING for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor concurrently herewith; or _______ filed on ________ as Application No.________

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Tomas Singliar	DATE	William R. Murray	DATE
		Quarquest	2/28/13
Robert E. Cranfill	DATE	Sugos D. Margineantu	DATE

lofl

REEL: 030192 FRAME: 0697