503529682 10/20/2015

PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT3576308

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:

CORRECTIVE ASSIGNMENT

Corrective Assignment to correct the INVENTOR'S NAME ALBERT
DELUCCA AND EXECUTION DATE 05/12/2010 previously recorded on
Reel 024440 Frame 0556. Assignor(s) hereby confirms the INVENTOR'S
NAME ALBERT DELUCCA WAS INCORRECT..

CONVEYING PARTY DATA

Name	Execution Date
ALBERT DELUCCA	10/14/2015
LISA SEACAT DELUCA	05/12/2010
BRIAN D. GOODMAN	05/12/2010
ANGEL E. TOMALA-REYES	05/17/2010

RECEIVING PARTY DATA

Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION	
Street Address:	NEW ORCHARD ROAD	
City:	ARMONK	
State/Country:	NEW YORK	
Postal Code:	10504	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12783946

CORRESPONDENCE DATA

Fax Number: (518)456-7004

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: 518-456-7084

Email: drubbone@kdiplaw.com

Correspondent Name: KEOHANE & D'ALESSANDRO, PLLC

Address Line 1: 1881 WESTERN AVENUE

Address Line 2: SUITE 180

Address Line 4: ALBANY, NEW YORK 12203

ATTORNEY DOCKET NUMBER:	END920100073US1
NAME OF SUBMITTER:	MADELINE F. SCHIESSER
SIGNATURE:	/Madeline F. Schiesser/
DATE SIGNED:	10/20/2015

PATENT 503529682 REEL: 036898 FRAME: 0570

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PATENT REEL: 036898 FRAME: 0571 Correct

PATENT ASSIGNMENT					
Electronic Version v Stylesheet Version			05/26/2010 501187017		
SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY	'DATA				
			ame	Execution Date	
Albert Delucca In:	sert DeLu	ıcca -		0 5/12/2010 Insert	10/14/2015
Lisa Seacat DeLuça				05/12/2010	
Brian D. Goodman				05/12/2010	
Angel E. Tomala-Rey	/es			05/17/2010	
RECEIVING PARTY DATA					
Name:	International	Busine	ss Machines Corporation		
Street Address:	New Orchard Road				
City:	Armonk				
State/Country:	NEW YORK				
Postal Gode:	10504	1			
PROPERTY NUMBER	RS Total: 1				000
Property Type			Number		240
Application Number: 12783		127839	946		
CORRESPONDENCE	DATA				96
Fax Number:	(518)45	8ንብብ ል			
Fax Number: (518)456-7004 Correspondence will be sent via US Mail when the fax attempt is unsuccessful.					
Phone:	(518) 45				
Email: kjones@kdlplaw.com					
Correspondent Name: Keohane & D'Alessandro PLLC					
Address Line 1: 1881 Western Avenue					
Address Line 2: Suite 180					
Address Line 4: Albany, NEW YORK 12203					
ATTORNEY DOCKET	NUMBER:		END920100073US1		
NAME OF SUBMITTER:		Ronald A. D'Alessandro			
Total Attachments: 5					

PATENT REEL: 036898 FRAME: 0572 USPTO

5/27/2010 8:38:43 PM PAGE 5/005 Fax Server

TO: KEOHANE & D'ALESSANDRO PLLC COMPANY: 1881 WESTERN AVENUE

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PATENT

REEL: 036898 FRAME: 0573

PATENT ASSIGNMENT FORM

For and in consideration of good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor acknowledges his/her prior and engoing obligation to sell, assign, and transfer, and agrees to sell, assign, and transfer the entire world wide right, title and interest for the United States and all foreign countries, in and to any and all inventions and improvements conceived during and within the scope of his/her employment, and further acknowledges that he/she has sold, assigned, and transferred, and hereby sells, assigns, and transfers, unto:

INTERNATIONAL BUSINESS MACHINES CORPORATION Armonk, New York 10504

a corporation of New York, and IBM desires to acquire all right, title, and interest, in and to the certain inventions (identified below), applications, and any United States and foreign patents to be obtained therefore relating to:

MESSAGE BROADCASTING IN A CLUSTERED COMPUTING ENVIRONMENT

United States Patent

as set forth in United States Patent Application executed by each undersigned inventor on the date indicated by each inventor signature below, and further identified by Attorney Docket Number END920100073US1; executed concurrently herewith

for and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States and foreign patents and all rights of priority to be obtained therefore which may issue on any such application or for said invention therein disclosed, including any and all reissues or extensions thereof, to be held and enjoyed by, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and enlirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each undersigned inventor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to IBM, its successors and assigns, in accordance herewith;

Each undersigned inventor warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests hereby sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

Each undersigned inventor further covenants and agrees that he/she, upon the request and at the expense of the IBM, will execute and deliver any papers, make all rightful oaths, testify in any legal proceeding relating to said inventions and improvements, communicate to the IBM all facts known to the undersigned relating to such inventions and improvements and the history thereof; and perform all other lawful acts deemed necessary or desirable by IBM, and its legal representatives, to secure, maintain, and enforce patent protection for such inventions and improvements and for vesting title to such inventions and improvements in the IBM, and in particular to perfect title to said above-identified certain inventions, and applications including divisions and continuations thereof, and any and all Letters Patent which may be granted therefore or thereon, including reissues, extensions, or counterparts;

Each undersigned inventor hereby grants the IBM and the firm of the power to insert in this Assignment any further identification which may be necessary or desirable for recordation of this Assignment.

This assignment is governed by the substantive laws of the state of New York.

i

DOCKET NO.: END920100073US1

	Executed by Inventor 1 of 4	
Signature: Albert Bylgo	Date: 5-12-16 W- Deloca (b) 10-14-15	Himpaudu
	Executed by Inventor 2 of 4	
Signature: Lisa Sencut D	Date:	
	Executed by Inventor 3 of 4	
Signature: Brian D. Good		
	Executed by Inventor 4 of 4	
ignature:	Date:	

PATENT REEL: 036898 FRAME: 0575

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PATENT DOCKET NO.: END920100073USI

Date of the second seco	Executed by Inventor 1 of 4
Signature:	Albert Delucca
	Executed by Inventor 2 of 4
Signature:	Lisa Scacat DeLuca Date: May 12th 2010
·	Executed by Inventor 3 of 4
Signature: _	Brian D. Goodman
	Executed by Inventor 4 of 4
Signature:	Angel E. Tomala-Reves

	Executed by Inventor 1 of 4	
Signature:Albert Deluce	Date;	
	Executed by Inventor 2 of 4	
Signature:Lisa Seacat D	Date:DeLuca	
<u> </u>	Executed by Inventor 3 of 4	
Signature: Brian D. Goo	Date: 5/1L 2010	
	Executed by Inventor 4 of 4	
Signature:Angel E. Tom	Date:Date:	

PATENT DOCKET NO.: END920100073USI

	Executed by Inventor 1 of 4
Sionature:	Date:
O.B	Albert Delucca Date:
	Executed by Inventor 2 of 4
Signature: _	Lisa Seacat DeLuca
-	Lisa Seacat DeLuca
	Executed by Inventor 3 of 4
Signature: _	Brian D. Goodman
	Brian D. Goodman
	Foregreen d has been dead of the
	Executed by Inventor 4 of 4
Signature:	Age Date: 5/17/2010
Ç	Angel E. Tomala Reyes

PATENT REEL: 036898 FRAME: 0578

RECORDED: 10/20/2015