PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AL CHAKRA	09/04/2012
THOMAS DOLAN	09/03/2012
JOHN RICE	09/03/2012
HAMED SAKO	09/04/2012

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:	13605042

CORRESPONDENCE DATA

Fax Number: 5614239297 **Phone**: 561-801-7700

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via US Mail.

Correspondent Name: Cuenot, Forsythe & Kim, LLC

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ATTORNEY DOCKET NUMBER:	CAM920120043US1_8150-0189
NAME OF SUBMITTER:	KEVIN T. CUENOT

PATENT

REEL: 028907 FRAME: 0240

+ **\$40.00** 13605(

Total Attachments: 8

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PATENT REEL: 028907 FRAME: 0241

ASSIGNMENT

Whereas, the undersigned Inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") in:

Title of the Invention:

VIRTUAL DISCUSSION THREADS FOR ACTIVITIES IN A TRUSTED NETWORK

and further identified by the IBM Docket Number provided above in the header of this Assignment, for which an application for a United States Patent was executed concurrently herewith or was filed having:

Application No.:	13/605,042	(insert series code	/serial	number here	if/when	available

Whereas, International Business Machines Corporation, a corporation of New York having a place of business at Armonk, New York (herein referred to as "IBM"), desires to acquire, and each undersigned Inventor desires to grant to IBM, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned Inventor ("ASSIGNOR") hereby sells, assigns, and otherwise transfers to IBM (the "ASSIGNEE"), its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned Inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to IBM, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by IBM, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned Inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in IBM, its successors, legal representatives, and assigns, whenever requested by IBM, its successors, legal representatives, or assigns.

Each undersigned Inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to IBM and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned Inventor also hereby grants IBM, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) 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, and any disputes will be resolved in a New York state court or federal court sited in New York.

[Inventor Signature Page(s) Follows]

Page 1 of 2

		Executed by Inventor 1
ير :Signature	Al Chakra	Date: 9-4,2017
	···········	Executed by Inventor 2
Signature;	Thomas Dolan	Date:
******		Executed by Inventor 3
Signature:	John Rice	Date:
		Executed by Inventor 4
Signature:	17 1 6 . 1	Date:
	Hamed Sako	

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[Inventor Signature Page(s) Follows]

Page 1 of 2

		Executed by Inventor I	
Signature: _	Al Chakra	Date:	
	2200	Executed by Inventor 2	
Signature;	Thomas Dolan	Date:	C3 Sigliadore 20,2
		Executed by Inventor 3	
Signature:	John Rice	Date:	
		Executed by Inventor 4	
Signature:	Hamed Sako	Date:	

Page 2 of 2

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VIRTUAL DISCUSSION THREADS FOR ACTIVITIES IN A TRUSTED NETWORK

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Market Republication Courter Market Corporation is corporated in New York Device in the Control of America, American Control of the Control Decree Courts to grant to 1984, the entire worldwide right one, and received that to the received on CONTROL OF SIGNAL PARTY APPLICATIONS and page 18 directed fraction.

Note that the first part and supplies consideration, the receipt and sufficiency thereof here is not and all other patest applications and patents for the foreston which may be applied by a coastal Personal Park Court States and in all Proper countries and personal resources at the court thereof are all regions are proper assume from the filing of such appropriate and appropriate rations. In addition, each enterriging discourse terms authorizes and request the Director of the Control Anne Prima del Indonesia (Prima de Septembril Describitorio Prima del Grazzo del Colorida del Co is see that the early parent, promise for the Transmiss to 1844, his successors, legal representatives, and and the colors were trade right. The land interest in land to the same to be field and enjoyed in 1854. ne en la companya de la relació reserva antigratica dos la 1831, de accesario de la companya de la companya de

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September 1	AtChakra	Date	
		Exercise to Investor	
Signature	Thomas Dolan	Table 1	
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Section	John Rige		The property
		Executed by Inventor 4	
***************************************	Hamed Sako	: Sales	

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************************		Executed by Inventor 2	
Signature: _	Thomas Dolan	Date:	······
		Executed by Inventor 3	
Signature: _	John Rice	Date:	***************************************
		Executed by Inventor 4	
Signature: _	Harnell &	MUS Date: 04 Sep	domber 2012

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RECORDED: 09/06/2012