

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4989825

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RANDALL LEE COGILL	04/09/2015
OLIVIER GALLAY	03/16/2015
CHUNGMOK LEE	03/15/2015
ZUBAIR NABI	03/16/2015
MARTIN M. RUFLI	03/16/2015
ROBERT SHORTEN	04/28/2015
TIGRAN T. TCHRAKIAN	04/09/2015
RUDI VERAGO	03/02/2015
FABIAN ROGER WIRTH	04/10/2015
SERGIY ZHUK	03/27/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	INTERNATIONAL BUSINESS MACHINES CORPORATION
<b>Street Address:</b>	NEW ORCHARD ROAD
<b>City:</b>	ARMONK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10504
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15996938
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(561)989-9812
<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>	
<b>Phone:</b>	561-989-9811
<b>Email:</b>	ptoboca@fggbb.com
<b>Correspondent Name:</b>	FLEIT GIBBONS GUTMAN BONGINI & BIANCO PL
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<b>Address Line 4:</b>	BOCA RATON, FLORIDA 33431
<b>ATTORNEY DOCKET NUMBER:</b>	YOR920140576US04

<b>NAME OF SUBMITTER:</b>	JON A. GIBBONS
<b>SIGNATURE:</b>	/Jon A. Gibbons/
<b>DATE SIGNED:</b>	06/04/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 27**

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**DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT**

Title of Invention: **VEHICLE AND LOCAL AREA SECURITY SYSTEM COMMUNICATIONS**

As a below named inventor, I hereby declare that:

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Whereas, the undersigned inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the IBM Docket Number provided above in the header of this document;

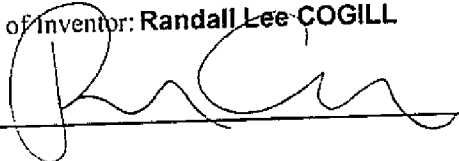
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(1) Legal Name of Inventor: **Randall Lee COGILL**

Signature:  Date: 9/4/2015

(2) Legal Name of Inventor: **Olivier GALLAY**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(3) Legal Name of Inventor: **Chungmok LEE**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(4) Legal Name of Inventor: **Zubair NABI**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_


(5) Legal Name of Inventor: **Martin M. RUFLI**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(6) Legal Name of Inventor: **Robert SHORTEN**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(7) Legal Name of Inventor: **Tigran T. TCHRAKIAN**

Signature:  Date: 9 April 2015

(8) Legal Name of Inventor: **Rudi VERAGO**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(9) Legal Name of Inventor: **Fabian Roger WIRTH**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(10) Legal Name of Inventor: **Sergiy ZHUK**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(2) Legal Name of Inventor: **Olivier GALLAY**

Signature:  \_\_\_\_\_ Date: March 16<sup>th</sup>, 2015

(3) Legal Name of Inventor: **Chungmok LEE**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(4) Legal Name of Inventor: **Zubair NABI**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(5) Legal Name of Inventor: **Martin M. RUFLI**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(6) Legal Name of Inventor: **Robert SHORTEN**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(7) Legal Name of Inventor: **Tigran T. TCHRAKIAN**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(8) Legal Name of Inventor: **Rudi VERAGO**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(9) Legal Name of Inventor: **Fabian Roger WIRTH**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(10) Legal Name of Inventor: **Sergiy ZHUK**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

A handwritten signature in black ink, appearing to be 'Lee', written over the word 'PATENT'.



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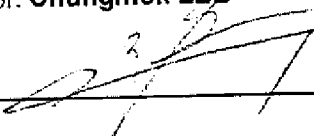
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Signature:  \_\_\_\_\_ Date: 15/3/2015

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(4) Legal Name of Inventor: **Zubair NABI**

Signature: Zubair \_\_\_\_\_ Date: 16/3/2015

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(5) Legal Name of Inventor: **Martin M. RUFLI**

Signature:  Date: 16 March 2015

(6) Legal Name of Inventor: **Robert SHORTEN**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(7) Legal Name of Inventor: **Tigran T. TCHRAKIAN**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(8) Legal Name of Inventor: **Rudi VERAGO**



Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(9) Legal Name of Inventor: **Fabian Roger WIRTH**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(10) Legal Name of Inventor: **Sergiy ZHUK**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_



**DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT**

Title of Invention: **VEHICLE AND LOCAL AREA SECURITY SYSTEM COMMUNICATIONS**

As a below named inventor, I hereby declare that:

This declaration is directed to the attached application, or (if following box is checked):

United States application or PCT international application number \_\_\_\_\_ filed on \_\_\_\_\_.

The above-identified application was made or authorized to be made by me.

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I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, the undersigned inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the IBM Docket Number provided above in the header of this document;

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 or has sold, assigns or has assigned, and otherwise transfers or has transferred 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.

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(1) Legal Name of Inventor: **Randall Lee COGILL**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(2) Legal Name of Inventor: **Olivier GALLAY**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(3) Legal Name of Inventor: **Chungmok LEE**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(4) Legal Name of Inventor: **Zubair NABI**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(5) Legal Name of Inventor: **Martin M. RUFLI**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(6) Legal Name of Inventor: **Robert SHORTEN**

Signature: R. N. Shorten Date: 28/4/2015

(7) Legal Name of Inventor: **Tigran T. TCHRAKIAN**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(8) Legal Name of Inventor: **Rudi VERAGO**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(9) Legal Name of Inventor: **Fabian Roger WIRTH**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(10) Legal Name of Inventor: **Sergiy ZHUK**

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(2) Legal Name of Inventor: **Olivier GALLAY**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(3) Legal Name of Inventor: **Chungmok LEE**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(4) Legal Name of Inventor: **Zubair NABI**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(7) Legal Name of Inventor: **Tigran T. TCHRAKIAN**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(8) Legal Name of Inventor: **Rudi VERAGO**

Signature: Rudi Verago Date: 02/03/2015

(9) Legal Name of Inventor: **Fabian Roger WIRTH**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(10) Legal Name of Inventor: **Sergiy ZHUK**

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(8) Legal Name of Inventor: **Rudi VERAGO**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(9) Legal Name of Inventor: **Fabian Roger WIRTH**

Signature: *Fabian Wirth* Date: 10/04/15 (D/M/Y)

(10) Legal Name of Inventor: **Sergiy ZHUK**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(10) Legal Name of Inventor: **Sergiy ZHUK**

Signature: \_\_\_\_\_  Date: 27.03.2015