## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4053963

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MINKYONG KIM	09/13/2016
CLIFFORD A. PICKOVER	09/09/2016
VALENTINA SALAPURA	09/09/2016
MAJA VUKOVIC	09/09/2016

#### **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:	15266509

### **CORRESPONDENCE DATA**

Fax Number: (516)692-8889

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: 516-692-8888

Email: mail@chauiplaw.com

F. CHAU & ASSOCIATES, LLC Correspondent Name:

Address Line 1: 130 WOODBURY ROAD

Address Line 4: WOODBURY, NEW YORK 11797

ATTORNEY DOCKET NUMBER:	YOR920161055US1(8728-1180
NAME OF SUBMITTER:	JOSEPH B. GROSS
SIGNATURE:	/JOSEPH B. GROSS/
DATE SIGNED:	09/15/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 8** 

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**PATENT** REEL: 039758 FRAME: 0176

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PATENT REEL: 039758 FRAME: 0177 IBM DOCKET NUMBER: **YORY2016105S**LSI

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

METHOD FOR GUIDING AN EMERGENCY VEHICLE USING A: itle of Invention: UNMANNED AERIAL VEHICLE

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I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

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 instartal 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 emporation of New York having a place of business at Armonk, New York (herein referred to us "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 patient 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 compries and jurisdictions, including all divisions, communitors, reissues, recommunitions, renewals, extensions, counterparts, cubatitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such parents. In addition, each undersigned inventor bereby 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 audicessors, 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 applicas to the full and of the terms for which any and all such potents 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 sets 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

Page Lor 2

### IBM OCCKET NUMBER: YOR920161058US1 (8728-1180)

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 unaward of any reason why they may not have the full and unundered 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, potent Application Number) which may be necessary or desimble for recordation of this Assignment. This Assignment is governed by the substantive lasts 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.

Hereby acknowledge that any willful talse statement made in this declaration is punishable under 18 U.S.C., 1001 by fine or imprisonment of not more than five (5) years, or both

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įŧ.	) Legal Name of Inventor:	MINKYONG KIM		
	Signature 227		Date	
(2	i Legal Cinne of Inventor	CLIFFORD A. PICKOVEI		
	Signature			
988				
£3.	I Legal Name of Inventor	VALENTINA SALAMIRA		
1 50	Signature;		Date	
, per - 5		8 8 8		97 100000 98 100000 98 100000
(4	Lugal Name of threator	MAJA VUKOVIC		
: :85 <sup>2</sup>	Signature:	* * * * * * * * * * * * * * * * * * *	Diste	

# 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:	METHOD FOR GUIDING AN EMERGENCY VEHICLE USING AN
	UNMANNED AERIAL VEHICLE

UNMAINIVED AERIAL VEHICLE
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 numberfiled on
The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
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.

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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

### IBM DOCKET NUMBER: YOR920161055US1 (8728-1180)

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.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

(1)	Legal Name of Inventor:	MINKYONG KIM		
	Signature:		Date:	••••
(2)	Legal Name of Inventor:	CLIFFORD A. PICKOVER		
	Signature:	Offint a Richard	Date: 9-9-16	
(3)	Legal Name of Inventor:	VALENTINA SALAPURA		
	Signature:		Date:	******
(4)	Legal Name of Inventor:	MAJA VUKOVIC		
	Sionature:		Date:	

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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
The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
I have reviewed and understand the contents of the application, including the claims.
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(1)	Legar wame of inventor.	WILLIAM I ON O MINI			
	Signature:			Date:	
(2)	Legal Name of Inventor:	CLIFFORD A. PICKOVER			
	Signature:			Date:	
(3)	Legal Name of Inventor:	VALENTINA SALAPURA			
	Signature:	4444	***************************************	Date:	9/9/2016
(4)	Legal Name of Inventor:	MAJA VUKOVIC			
	Sionature			Date:	

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(1)	Legal Name of Inventor:	MINKYONG KIM		
	Signature:		Date:	
(2)	Legal Name of Inventor:	CLIFFORD A. PICKOVER		
	Signature:		Date:	
(3)	Legal Name of Inventor:	VALENTINA SALAPURA		
	Signature:		Date:	
(4)	Legal Name of Inventor:	MAJA VUKOVIC		
	Signature:	<u>Im</u> Www	Date:	09/09/2016

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