PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5312379

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SERGIO A. BERMUDEZ RODRIGUEZ	12/18/2015
LEVENTE KLEIN	12/17/2015
ALEJANDRO G. SCHROTT	12/21/2015
THEODORE G. VAN KESSEL	12/16/2015

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:	16241479

CORRESPONDENCE DATA

Fax Number: (631)844-0081

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: 6318440080

Email: awalsh@tb-iplaw.com

Correspondent Name: TUTUNJIAN & BITETTO, P.C. Address Line 1: 401 BROADHOLLOW ROAD

Address Line 2: SUITE 402

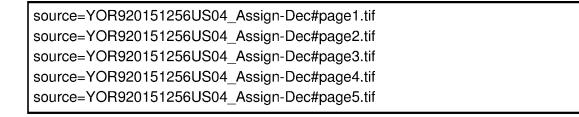
Address Line 4: MELVILLE, NEW YORK 11747

ATTORNEY DOCKET NUMBER:	YOR920151256US04 (1170 C)
NAME OF SUBMITTER: JAMES J. BITETTO	
SIGNATURE:	/jjb/
DATE SIGNED:	01/07/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5

PATENT REEL: 047921 FRAME: 0109

505265607



PATENT REEL: 047921 FRAME: 0110

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: AUTONOMOUS MOBILE PLATFORM AND VARIABLE RATE IRRIGATION METHOD FOR PREVENTING FROST DAMAGE

Whereas, I ("ASSIGNOR") 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 (herein referred to as the "ASSIGNEE"), a corporation of New York having a place of business at Armonk, New York, desires to acquire, and I desire to grant to the ASSIGNEE, my 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, I hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEE, its successors, legal representatives, and assigns, my 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, I hereby authorize and request 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 the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, 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 me had this Assignment not been made; and I agree 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 the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

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I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and am unaware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer my rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict herewith. I also hereby grant the ASSIGNEE, 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.

(!)	Legal Name of Inventor: [SERGIO A. BERMUDEZ RUDRIGUEZ]		
	Signature:	Date:_	12/18/2015
(2)	Legal Name of Inventor: [LEVENTE KLEIN]		
	Signature:	Date:_	
(3)	Legal Name of Inventor: [ALEJANDRO G. SCHROTT]		
	Signature:	Date:_	
(4)	Legal Name of Inventor: THEODORE G. VAN KESSEL		
	Signature:	Date:_	

IBM DOCKET NUMBER: YOR920151256US1 (163-1170)

I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and am unaware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer my rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict herewith. I also hereby grant the ASSIGNEE, 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.

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(1) Legal Name of Inventor: [SERGIO A. BERMUDEZ RODRIGUEZ]		
Signatur	re:	Date:
(2) Legal N	lame of Inventor: [LEVENTE KLEIN]	
Signatur	e: XIII XIII	Date: (2)17/2019
(3) Legal N	ame of Inventor: [ALEJANDRO G. SCHRO]	TT]
Signatur	e:	Date:
(4) Legal N	ame of Inventor: [THEODORE G. VAN KES	SEL]
Signatur	e:	Date:

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(1) Legal Name of Inventor: [SERGIO A. BERMUDEZ RODRIGUEZ]		
	Signature:	Date
(2)	Legal Name of Inventor: (LEVENTE KLEIN)	
	Signature:	Date:
(3)	Legal Name of Inventor: [ALEJANDRO G. SCHROTT]	
	Signature: Nejardo J. Schöll	Date: 12-21-2015
(4)	Legal Name of Inventor: [THEODORE G. VAN KESSEL]	
	Signature:	Date:

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PATENT REEL: 047921 FRAME: 0114 I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and am unaware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer my rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict herewith. I also hereby grant the ASSIGNEE, 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.

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(1) Legal Name of Inventor: [SERGIO A. BERMUDEZ RODRIGUEZ]		
	Signature:	Date:
(2)	Legal Name of Inventor: [LEVENTE KLEIN]	
	Signature:	Date:
(3)	Legal Name of Inventor: [ALEJANDRO G. SCHROTT]	
	Signature:	Date:
	Legal Name of Inventor: [THEODORE G. VAN KESSEL]	m. 12/16/2015
	Signature: //LVS U > U	Date:Date:

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