# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3996605

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
JOHN V. DELANEY	08/02/2016
SEAN T. FORNASH	08/02/2016
ANTHONY M. HUNT	08/03/2016
CLAUS SCHROEDER-HANSEN	08/03/2016
CLEA A. ZOLOTOW	08/02/2016

### **RECEIVING PARTY DATA**

Name:	International Business Machines Corporation	
Street Address:	treet Address: New Orchard Road	
City: Armonk		
State/Country: NEW YORK		
Postal Code:	10504	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number		
Application Number:	15230704		

### **CORRESPONDENCE DATA**

**Fax Number:** (512)306-1757

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.

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**Email:** jennifer@boiceip.com, emily@boiceip.com

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Address Line 2: SUITE 201

Address Line 4: WEST LAKE HILLS, TEXAS 78746

ATTORNEY DOCKET NUMBER:	END920160051US1
NAME OF SUBMITTER:	JAMES E. BOICE
SIGNATURE:	/James E. Boice/
DATE SIGNED:	08/08/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT 503949949 REEL: 039368 FRAME: 0331

# Total Attachments: 12 source=END920160051US1\_FILEDDECASSIGN\_08-08-16#page1.tif source=END920160051US1\_FILEDDECASSIGN\_08-08-16#page2.tif source=END920160051US1\_FILEDDECASSIGN\_08-08-16#page3.tif source=END920160051US1\_FILEDDECASSIGN\_08-08-16#page4.tif source=END920160051US1\_FILEDDECASSIGN\_08-08-16#page5.tif source=END920160051US1\_FILEDDECASSIGN\_08-08-16#page6.tif source=END920160051US1\_FILEDDECASSIGN\_08-08-16#page7.tif source=END920160051US1\_FILEDDECASSIGN\_08-08-16#page8.tif source=END920160051US1\_FILEDDECASSIGN\_08-08-16#page9.tif source=END920160051US1\_FILEDDECASSIGN\_08-08-16#page10.tif source=END920160051US1\_FILEDDECASSIGN\_08-08-16#page11.tif source=END920160051US1\_FILEDDECASSIGN\_08-08-16#page11.tif

PATENT REEL: 039368 FRAME: 0332

Title of Invention: VIRTUAL REALITY SENSORY CONSTRUCT

As a below named and undersigned inventor, I hereby declare that:	

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

[X] United States application or PCT international application number \_\_15/230,704 filed on \_August 8, 2016 \_\_\_\_.

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.

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 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: **JOHN V. DELANEY** 

	Signature:	Date:	2 Aug 2016
(2)	Legal Name of Inventor: SEAN T. FORNASH		
(2)			
	Signature:	_ Date:	
(3)	Legal Name of Inventor: <b>ANTHONY M. HUNT</b>		
	Signature:	_ Date:	
(4)	Legal Name of Inventor: CLAUS SCHROEDER-HANSEN		
	Signature:	Date:	

(5) Legal Name of	Inventor: CLEA A. ZOLOTOW		
	1-1/2		
Signature:	Contract of the contract of th	Date:	2 Aug 2016

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(1)	Legal Name of Inventor: JOHN V. DELANEY		
	Signature:	_Date:_	
(2)	Legal Name of Inventor: SEAN T. FORNASH		
	Signature: Fact 10 Made	_ Date:_	8/2/16
(3)	Legal Name of Inventor: ANTHONY M. HUNT		
	Signature:	_Date:_	
(4)	Legal Name of Inventor: CLAUS SCHROEDER-HANSEN		
	Signature:	Date:_	

(5) Legal No	5) Legal Name of Inventor: CLEA A. ZOLOTOW			
Signature	: Da	(C)		

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(1) Legal Name of inventor: JOHN V. DELANEY	
Signature:	Date:
(2) Legal Name of Inventor: SEAN T. FORNASH	
Signature:	Date:
(3) Legal Name of Inventor: ANTHONY M. HUNT	
Signature: Inthough. H	Date: 8/3/26/6
(4) Legal Name of Inventor: CLAUS SCHROEDER-HANS	EEN
Sixnature:	Date

(5) Legal Name of Inventor: <b>CLEA A. ZOLOTOW</b>		
Signature:	Date:	

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Signature:	Date:
(2) Legal Name of Inventor: SEAN T. FORNASH	
Signature:	Date:
(3) Legal Name of Inventor: ANTHONY M. HUNT	
Signature:	Date:
(4) Legal Name of Inventor: CLAUS SCHROEDER-HANSEN	
Signature: Claus Schroder	Date: 2016-08-03

(5) Legal Name of Inventor: <b>CLEA A. ZOLOTOW</b>	
Signature:	Date:

Page 3 of 3

**RECORDED: 08/08/2016**