### 504361653 05/11/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4408344

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
PETER C. BAHRS	03/28/2016
PETER H. BURTON	03/29/2016
DONNA K. BYRON	03/29/2016
SANGEETA GAUTAM	04/05/2016
MANVENDRA GUPTA	03/28/2016
ANNE KLINE	04/05/2016

#### **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:	15592242

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	END920160039US2(232-0477A
NAME OF SUBMITTER:	DANIEL M. NORTHFIELD
SIGNATURE:	/Daniel M. Northfield/
DATE SIGNED:	05/11/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT 504361653 REEL: 042444 FRAME: 0363

**Total Attachments: 28** source=END920160039US2 Combined Declaration Assignment 5-11-17 232-0477AE-US2#page1.tif source=END920160039US2 Combined Declaration Assignment 5-11-17 232-0477AE-US2#page2.tif source=END920160039US2 Combined Declaration Assignment 5-11-17 232-0477AE-US2#page3.tif source=END920160039US2 Combined Declaration Assignment 5-11-17 \_232-0477AE-US2#page4.tif source=END920160039US2 Combined Declaration Assignment 5-11-17 232-0477AE-US2#page5.tif source=END920160039US2 Combined Declaration Assignment 5-11-17 232-0477AE-US2#page6.tif source=END920160039US2 Combined Declaration Assignment 5-11-17 232-0477AE-US2#page7.tif source=END920160039US2 Combined Declaration Assignment 5-11-17 232-0477AE-US2#page8.tif source=END920160039US2 Combined Declaration Assignment 5-11-17 232-0477AE-US2#page9.tif source=END920160039US2 Combined Declaration Assignment 5-11-17 232-0477AE-US2#page10.tif source=END920160039US2 Combined Declaration Assignment 5-11-17 232-0477AE-US2#page11.tif source=END920160039US2 Combined Declaration Assignment 5-11-17 232-0477AE-US2#page12.tif source=END920160039US2 Combined Declaration Assignment 5-11-17 232-0477AE-US2#page13.tif source=END920160039US2 Combined Declaration Assignment 5-11-17 232-0477AE-US2#page14.tif source=END920160039US2 Combined Declaration Assignment 5-11-17 232-0477AE-US2v2#page1.tif source=END920160039US2 Combined Declaration Assignment 5-11-17 232-0477AE-US2v2#page2.tif source=END920160039US2\_Combined\_Declaration\_Assignment\_ 5-11-17 232-0477AE-US2v2#page3.tif source=END920160039US2 Combined Declaration\_Assignment\_ 5-11-17 232-0477AE-US2v2#page4.tif source=END920160039US2 Combined Declaration Assignment 5-11-17 232-0477AE-US2v2#page5.tif source=END920160039US2 Combined Declaration Assignment 5-11-17 232-0477AE-US2v2#page6.tif source=END920160039US2 Combined Declaration Assignment 5-11-17 232-0477AE-US2v2#page7.tif source=END920160039US2 Combined Declaration Assignment 5-11-17 232-0477AE-US2v2#page8.tif source=END920160039US2 Combined Declaration Assignment 5-11-17 232-0477AE-US2v2#page9.tif source=END920160039US2 Combined Declaration Assignment 5-11-17 232-0477AE-US2v2#page10.tif source=END920160039US2 Combined Declaration Assignment 5-11-17 232-0477AE-US2v2#page11.tif source=END920160039US2 Combined Declaration Assignment 5-11-17 232-0477AE-US2v2#page12.tif source=END920160039US2 Combined Declaration Assignment 5-11-17 232-0477AE-US2v2#page13.tif source=END920160039US2 Combined Declaration Assignment 5-11-17 232-0477AE-US2v2#page14.tif

Title of Invention: MECHANISM TO CREATE PATTERN GESTURE TRANSMISSIONS TO CREATE DEVICE-SOURCING EMERGENCY INFORMATION

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):

[] United States application or PCT international application number

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

filed on

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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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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(1) Legal Name of Inventor Peter C. Bahrs	
Signature / ACC Balaz	
Date: <u>//lunk 28</u> 2016	
(2) Legal Name of Inventor. Peter H. Burton	
Signature:	
Date:	
(3) Legal Name of Inventor: <b>Donna K. Byron</b> Signature:	
Date	
(4) Legal Name of Inventor: Sangeeta Gautam	
Signature:	
Date:	

## PATENT

END920160039US2 (232-0477AE-US2)

(5) Legal	Name of Inve	entor: <b>Man</b> v	endra Guț	
Signature:				
Date				
(6) Legal	Name of Inve	entor: <b>Anne</b>	Kline	
Signature:				 
Date:				

# Title of Invention: MECHANISM TO CREATE PATTERN GESTURE TRANSMISSIONS TO CREATE DEVICE-SOURCING EMERGENCY INFORMATION

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(1) Legal Name of inventor Feter C. Banks		
Signature		
Date:		
(2) Legal Name of Inventor: Peter H. Burton		
Signature / Signature	*****	
Dete: 27 - 24 5		
(3) Legal Name of Inventor: <b>Donna K. Byron</b>		
Signature:		
Date:		
(4) Legal Name of Inventor Sangerta Gautum		
Signature		
Date:		
(5) Legal Name of Javentor: Manvendra Gupta		
Signature		
Date		
(6) Legal Name of Inventor Anne Kline		
Signature		
Date		

# Title of Invention: MECHANISM TO CREATE PATTERN GESTURE TRANSMISSIONS TO CREATE DEVICE-SOURCING EMERGENCY INFORMATION

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(1) Legal Name of Inventor: <b>Peter C. Bahrs</b>
Signature:
Date:
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Signature:
Date:
(3) Legal Name of Inventor: Donna K. Byron
Signature: Dohn K.B.y.io
Date:
(4) Legal Name of Inventor: Sangeeta Gautam
Signature:
Date:
(5) Legal Name of Inventor: Manvendra Gupta
Signature:
Date:
(6) Legal Name of Inventor: Anne Kline
Signature:
Date:

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Signature:
Date:
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Date:
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Date:
(4) Legal Name of Inventor: Sangeeta Gautam Signature: Lander Lander
Date: 4/5/16.

Title of Invention: MECHANISM TO CREATE PATTERN GESTURE TRANSMISSIONS TO CREATE DEVICE-SOURCING EMERGENCY INFORMATION

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(1) Legal Name of Inventor: <b>Peter C. Bahrs</b>	
Signature:	
Oate:	
(2) Legal Name of Inventor <b>Peter H. Burton</b>	
Signature	20000000 20000000000000000000000000000
Date	
(3) Legal Name of Inventor: <b>Donna K. Byron</b>	
Signature	
Date:	
(4) Legal Name of Inventor: <b>Sangeeta Gautam</b>	
Signature	
Date	

(5) Legal Name of Inventor: <b>Manvendra Gupta</b>		
Signature:		
Date: 28/03/2010		
는 이번 생활하는 이 Harries 선택하는 사람들은 사람들이 이번 경기를 보고 있다.		
(6) Legal Name of Inventor: <b>Anne Kline</b>		
Signature		
Date:		

# Title of Invention: MECHANISM TO CREATE PATTERN GESTURE TRANSMISSIONS TO CREATE DEVICE-SOURCING EMERGENCY INFORMATION

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(1) Legal Name of Inventor: Peter C. Bahrs
Signature:
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(2) Legal Name of Inventor: Peter H. Burton
Signature: A State
Date: <u>29 - 2 - 2076</u> -
(3) Legal Name of Inventor: Donna K. Byron
Signature:
Date:
(4) Legal Name of Inventor: Sangeeta Gautam
Signature:
Date:
(5) Legal Name of Inventor: Manvendra Gupta
Signature:
Date:
(6) Legal Name of Inventor: Anne Kline
Signature: Anne Kline
Date: 4/5/2016

Title of Invention: MECHANISM TO CREATE PATTERN GESTURE TRANSMISSIONS TO CREATE DEVICE-SOURCING EMERGENCY INFORMATION

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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

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(1) Legal Name of Inventor: Peter C. Bahrs Signature / LCC/2/2	
Date: 1/10/1/1 25 2016	
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Date:	
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Date:	
(4) Legal Name of Inventor: Sangeeta Gautam	
Signature:	
Date	

## PATENT

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(5) Leg	al Name of	Inventor: N	lanvendi	a Gupta	
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Date:					
(6) Leç	jal Name of	Inventor: A	ınne Klin	8	
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Signature:	
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(4) Legal Name of Inventor: Sangerto Gautum	
Signature:	
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(5) Legal Name of Inventor: Manvendra Gupta	
Signature	
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(6) Legal Name of Inventor: <b>Anne Kline</b>	
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Date: March 29, 2016
(4) Legal Name of Inventor: Sangeeta Gautam
Signature:
Date:
(5) Legal Name of Inventor: Manvendra Gupta
Signature:
Date:
(6) Legal Name of Inventor: Anne Kline
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: MECHANISM TO CREATE PATTERN GESTURE TRANSMISSIONS TO CREATE DEVICE-SOURCING EMERGENCY INFORMATION

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Date:
(4) Legal Name of Inventor: Sangeeta Gautam Signature:
Date: 4/5/16.

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Signature	1988 1988 - 1988 - 1988 1988 - 1988 - 1988
Date	
(3) Legal Name of Inventor: <b>Donna K. Byron</b> Signature:	
Date:	
(4) Legal Name of Inventor: <b>Sangeeta Gautam</b>	
Signature:	
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(5) Legal Name of Inventor: <b>Manvendra Gupta</b>		
Signature: ////		
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Date: 4/5/2016

PATENT REEL: 042444 FRAME: 0392

RECORDED: 05/11/2017