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PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5920337

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHUNG-CHING LIN	06/23/2015
SHARATHCHANDRA U. PANKANTI	06/07/2015
KARTHIKEYAN NATESAN RAMAMURTHY	06/08/2015
ALEKSANDR Y. ARAVKIN	06/15/2015
JOHN R. SMITH	06/30/2015

RECEIVING PARTY DATA

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Street Address:	NEW ORCHARD ROAD
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State/Country:	NEW YORK
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16747511

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	YOR920150146US03
NAME OF SUBMITTER:	SAM S. SAHOTA
SIGNATURE:	/Sam S. Sahota/
DATE SIGNED:	01/21/2020

Total Attachments: 6

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IBM DOCKET NUMBER: YOR920150146UST

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: SYSTEM AND METHOD FOR PERSPECTIVE PRESERVING STITCHING AND SUMMARIZING VIEWS

As a below named inventor, I hereby declare that:

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

AUnited States application or PCT international application number 6747,51

The shove-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, 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 sbove-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 catire 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 ropresentatives, or assigns.

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Bach 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

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: Chung-Ching Lin	
Signature: Chy-Chy-Rin	
(2) Legal Name of Inventor: Sharathchandra U. Pankanti	
Signature:	Date;
(3) Legal Name of Inventor: Karthikeyan Natesan Ramam	
Signature:	Date:
(4) Legal Name of Inventor: Aleksandr Y. Aravkin	•
Signature:	Date:
(5) Legal Name of Inventor: John R. Smith	And the second s
Signature:	Date:

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(1) robin taume of investion: Cu	eng-Camg Lin	
Signature		Date.
(2) Legal Name of Inventor: Shar	attichandra U, Pankanti	
Signature:	Parland	Date: 06/07/2015
(3) Legal Name of Inventor: Kart	hikeyan Natesan Ramamurthy	
Signature:		Date;
(4) Legal Name of Inventor: Ale	ksandr Y. Aravkin	
Signature:		Date:
(5) Legal Name of Inventor: John		

PATENT REEL: 051651 FRAME: 0069

IBM DOCKET NUMBER: YOR920150146USY)

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Signature:	Date;	***************************************	ounce.
(2) Legal Name of Inventor: Sharathchandra U. Pankanti			
Signature:	Date:		.25 1.28
(3) Legal Name of Inventor: Karthikeyan Natesan Ramamurthy			ESSA.
Signature: N.R. Karthikayou.	Date:_	8 Tune	<u> 2015</u>
(4) Legal Name of Inventor: Aleksandr Y, Aravkin			
ilgnature:	Date:		/ 2005
5) Legal Name of Inventor: John R. Smith			
ignature:	Date:		

PATENT REEL: 051651 FRAME: 0070

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(2) Legal Name of Inventor: Sharathchandra U. Pankanti		
Signature:	Date:	***************************************
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Signature:	Date	mminonimmunikeen
(4) Legal Name of Inventor: Aleksandr Y. Aravkin Signature: 5) Legal Name of Inventor: John R. Smith	Date;	6/15/15
Signature;	Tate:	

PATENT REEL: 051651 FRAME: 0071

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(1) Legal Name of Inventor: Chung-Ching Lin	9
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Signature:	Date:
(4) Legal Name of Inventor: Aleksandr Y. Araykin	
Signature:	Date:
(5) Legal Name of Inventor: John R. Smith	
Signature Park Signature	Date: 06/32/15

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