503193632 02/25/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID J. CONKLIN	02/24/2015
ALLEN H. GABOR	02/24/2015
SIVANANDA K. KANAKASABAPATHY	02/23/2015
BYEONG Y. KIM	02/21/2015
FEE LI LIE	02/20/2015
STUART A. SIEG	02/20/2015

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:	14630715

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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ATTORNEY DOCKET NUMBER:	FIS920140236US1
NAME OF SUBMITTER:	SPENCER K. WARNICK
SIGNATURE:	/Spencer K. Warnick/
DATE SIGNED:	02/25/2015

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 8

source=FIS920140236US1_CombinedDeclarationAssignment_02-25-15#page1.tif source=FIS920140236US1_CombinedDeclarationAssignment_02-25-15#page2.tif source=FIS920140236US1_CombinedDeclarationAssignment_02-25-15#page3.tif source=FIS920140236US1_CombinedDeclarationAssignment_02-25-15#page4.tif source=FIS920140236US1_CombinedDeclarationAssignment_02-25-15#page5.tif source=FIS920140236US1_CombinedDeclarationAssignment_02-25-15#page6.tif source=FIS920140236US1_CombinedDeclarationAssignment_02-25-15#page7.tif source=FIS920140236US1_CombinedDeclarationAssignment_02-25-15#page8.tif

Title of Invention: REGISTRATION MARK FORMATION DURING SIDEWALL IMAGE

TRANSFER PROCESS

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	filed 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 appli	cation.
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 material to patentability as defined in 37 CFR Section 1.56.	nown to me to be
Whereas, the undersigned inventor(s) has/have made certain inventions, improvements, and discoveries to as the "Invention") disclosed in the above-identified patent application and further identified by the Number provided above in the header of this document;	es (herein referred IBM Docket
Whereas, International Business Machines Corporation, a corporation of New York having a place of Armonk, New York (herein referred to as "IBM"), desires to acquire, and each undersigned inventor (IBM, the entire worldwide right, title, and interest in and to the Invention and in and to any and all parts.	lesites to grant to

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 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 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: David J. Conklin	
Signature:	Date: <u>02/24/2015</u>
(2) Legal Name of Inventor: Allen H. Gabor	
Signature:	Date:
(3) Legal Name of Inventor: Sivananda K. Kanakasabapathy	
Signature:	Date:
(4) Legal Name of Inventor: Byeong Y. Kim	
Signature:	Date:
(5) Legal Name of Inventor: Fee Li Lie	
Signature:	Date:
(6) Legal Name of Inventor: Stuart A. Sieg	
Signature:	Date:

Page 2 of 2

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I am aware of the duty to disclose to the United States Patent and Trademark Office all information known material to patentability as defined in 37 CFR Section 1.56.	n to me to be

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IBM DOCKET NUMBER: FIS920140236US1

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.

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(1)	Legal Name of Inventor: David J. Conglin	
	Signature:	Date:
(2)	Legal Name of Inventor: Allen H. Gabor Signature: #/	Date: 2/24/201
(3)	Legal Name of Inventor: Sivahanda K. Kanakasabapathy	
	Signature:	Dute: 2-/.23/2-015
(4)	Legal Name of Inventor: Bycong Y, Kim	•
	Signature:	Date:
(5)	Legal Name of Inventor: Fee Li Lie	
	Signature:	Date: 02/20/2015
(6)	Legal Name of Inventor: Stuart A. Sleg	
	Signature:	Date: 1)2/20/2015

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IVI the analysis of inventor(a) has/have made contain inventions improvements and discoveries (h	arain rafarra

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(5)	Legal Name of Inventor: Fee Li Lie	
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	Signature: 13 ///	Date: 2/2//2015
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Page 2 of 2