PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT2833515

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:

CORRECTIVE ASSIGNMENT

Corrective Assignment to correct the THE NAME OF INVENTOR KENT
BARCLAY HOWIESON WHICH WAS MISSPELLED AS "KENT
BARCLAY HOWLESON" previously recorded on Reel 020028 Frame
0640. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNOR'S

CONVEYING PARTY DATA

Name	Execution Date
MOISES CASES	10/10/2007
BRADLEY DONALD HERRMAN	10/17/2007
KENT BARCLAY HOWIESON	10/11/2007
ERDEM MATOGLU	10/11/2007
BHYRAV MURTHY MUTNURY	10/16/2007
PRAVIN PATEL	10/17/2007
NAM HUU PHAM	10/11/2007
CALEB JAMES WESLEY	10/18/2007

INTEREST.

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:	11875001

CORRESPONDENCE DATA

Fax Number:

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

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Correspondent Name: IBM CORP

Address Line 1: 3039 CORNWALLIS RD.

Address Line 4: DURHAM, NORTH CAROLINA 27709

ATTORNEY DOCKET NUMBER: RPS920070233US1

NAME OF SUBMITTER: OKSANA BUYNITZKY

PATENT

502786920 REEL: 032812 FRAME: 0965

SIGNATURE:	/Oksana Buynitzky/	
DATE SIGNED: 04/29/2014		
Total Attachments: 6		
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source=RPS920070233US1_Assignment#page2.tif		
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source=RPS920070233US1_Assignment#page5.tif		
source=RPS920070233US1_Assignment#page6.tif		

PATENT REEL: 032812 FRAME: 0966

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mr. Moises Cases	10/10/2007
Mr. Bradley Donald Herrman	10/17/2007
Mr. Kent Barclay Howieson	10/11/2007
Mr. Matoglu Erdem	10/11/2007
Mr. Bhyrav Murthy Mutnury	10/16/2007
Mr. Pravin Patel	10/17/2007
Nam Huu Pham	10/11/2007
Mr. Caleb James Wesley	10/18/2007

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:	11875001

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Houston, TEXAS 77040

500385669

PATENT REEL: 032812 FRAME: 0967 11875001

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ATTORNEY DOCKET NUMBER:	RPS920070233US1	
NAME OF SUBMITTER: Jeffrey L. Streets		
Total Attachments: 4 source=RPS920070233US1_assignment01_10-29-07#page1.tif source=RPS920070233US1_assignment01_10-29-07#page2.tif		
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PATENT REEL: 032812 FRAME: 0968

ASSIGNMENT

Whereas, I,

(1) <u>Moises Cases</u> County of Travis City of Austin and State of Texas

(2) Bradley Donald Herrman County of Wake

City of Cary and State of North Carolina

(3) Kent Barclay Howleson County of Williamson

City of Austin and State of Texas

(4) Matoglu Erdem County of Travis City of Austin and State of Texas

(5) Bhyrav Murthy Mutnury County of Travis City of Austin and State of Texas

(6) Pravin Patel County of Wake City of Cary

and State of North Carolina

(7) Nam Huu Pham County of Williamson

City of Round Rock and State of Texas

(8) Caleb James Wesley
County of Forsyth

City of Winston Salem and State of North Carolina

have invented certain improvements in

METHOD FOR VALIDATING PRINTED CIRCUIT BOARD MATERIALS FOR HIGH SPEED APPLICATIONS

and executed, respectively, a United States patent application therefore on

(Dates Inventors Signed Declaration) (1) Oct. 10th, 2007; (2) ..., 2007;

(3) Oct // , 2007; (4) Oct // ti , 2007; (5) le / lc / , 2007;

(6) _____, 2007; (7) ___, ___, ___, 2007; (8) _____, 2007.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Page 1 of 2

RPS920070233US1

(1) Signed at _	Austin (City)	on	Det. 10-1, 2007. (Date) Moises Cases Moises Cases
			Moises Cases Moises Cases
(2) Signed at	(City)	on _	(Date) , 2007,
(3) Signed at	Austin (City)	on _	Bradley Donald Herrman OCt // 2007. (Date) Days for large for the second sec
			Kent Barclay Howeson
(4) Signed at	Austin	on	Oct 11th, 2007
		-	Erdem Matoglu
(5) Signed at	AUSTIN (City)	on _	(Date), 2007.
		_	M. Bhyran Mulling Byrav Multhy Mutnury
			Byrav Multhy Muthury
(6) Signed at	(City)	on	(Date) , 2007.
	(Gity)		(Date)
		-	Pravin Patel
(7) Signed at	Austin	on	, 2007.
	(City)		(Date)
			Nam Huu Pham
(8) Signed at		on	
	(City)		, 2007. (Date)
		_	Caleb James Wesley

Page 2 of 2

ASSIGNMENT

Whereas, I.

(1) Moises Cases County of Travis City of Austin and State of Texas

(2) Bradley Donald Herrman
County of Wake
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and State of North Carolina

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METHOD FOR VALIDATING PRINTED CIRCUIT BOARD MATERIALS FOR HIGH SPEED APPLICATIONS

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(Da	tes Inventors Signed Declaration) (1) _	, 2007; (2)	Oct 17	_, 2007
(3)	, 2007; (4)	, 2007; (5)		_, 2007
(6)	Oct. 17, 2007; (7)	, 2007; (8)	Oct. 18	_ _, 2007

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Page 1 of 2

RPS920070233US1

(1)	Signed at		on		, 2007.
(-/		(City)		(Date)	-·
			·	Moises Cas	es
(2)	Signed at	RTP (City)	on	OCF 17 (Date) Sandley Dor	_, 2007.
			7	Brazeley Dor	Alexander Manager Mana
			/	(Date)	
			-	Kent Barcla	y Howieson
(4)	Signed at		on _	(Date)	, 2007
			-	Erdem Mat	oglu
(5)	Signed at	(City)	on	(Date)	, 2007.
				Byrav Murti	ny Mutnury
(6)	Signed at	RTP (City)	on	oct, 17 (Pate)	, 2007.
			-	Pravin Patel	
(7)	Signed at	(City)	on	(Date)	, 2007.
			-	Nam Huu P	Pham Pham
(8)	Signed at	RTP (City)	on	oct 18 (Date)	, 2007.
				Cally Malay Caleb Jame	es Wesley

Page 2 of 2

PATENT REEL: 032812 FRAME: 0972