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To the Assistant Commissioner for Patents: Please record to	he attached original documents or copy thereof.
1. Name of conveying party(ies): (1) William A. Brown (2) Richard William Muirhead (3) Francis Xavier Reddington	Execution Date: 7-16-02 7-12-02 7-15-02
Additional name(s) of conveying party(ies) attached? Yes x No	
2. Name and address of receiving party(ies):	3. Nature of conveyance:
International Business Machines Corporation New Orchard Road	X Assignment Merger
Armonk, New York 10504	Security Agreement Change of Name
10/199247	Other
A. Patent Application No.(s) B. P 5. Name and address of party to whom correspondence concerning document	
Should be mailed: David A. Mims, Jr.	7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed
IBM Corporation Intellectual Property Law 11400 Burnet Road	X Authorized to be charged to deposit account
Austin, TX 78758 (512) 823-0950	8. Deposit account number:
	<u>09-0447</u>
DO NOT	USE THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing in of the original document. David A. Mims, Jr. Name of Person Signing TDIAZI 00000042 090447 10199247	nformation is true and correct and any attached copy is a true copy Signature Date

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Total number of pages including cover sheet:

PATENT REEL: 013132 FRAME: 0372

ASSIGNMENT

Whereas, we,

(1) William A. Brown of Raleigh
County of Wake and State of North Carolina

(2) Richard William Muirhead of Tyler
County of Smith and State of Texas

(3) Francis Xavier Reddington of Sarasota
County of Sarasota and State of Florida

have invented certain improvement in

A METHOD FOR MANAGEMENT OF WORKFLOWS BETWEEN DEVICES IN A PERVASIVE EMBEDDED OR EXTERNAL ENVIRONMENT

and executed a	United States patent application	therefore on	
(Date Inventor	Signed Declaration) (1)	7-14,2002; and	(2)
2002; and (3)	, 2002		

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, I, 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 all rights of priority resulting from the filing of said United States application, and I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

(1)	Signed at Mi/WWW	ker ht	on 7-16	, 2002.
		/		/
			11/1/16	whel-
			William A.	Brown

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REEL: 013132 FRAME: 0373

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(2)	Signed at	on	, 2002.
		Richard William Muirhead	
(3)	Signed at	on	, 2002.
		Francis Yavier Peddington	

A.	2.2	IG	N	Λſ	E.P	VТ
73.	\mathcal{I}	\mathbf{v}	λч.	V.	C.	ч.

Whereas, we,		
(1) William A. Brown County of Wake	of Raleigh and State of North Carolina	
(2) Richard William Muirhead County of Smith	of Tyler and State of Texas	
(3) Francis Xavier Reddington County of Sarasota	of Sarasota and State of Florida	
have invented certain improvement	in	
A METHOD FOR MANAGEMENT PERVASIVE EMBEDDED OR EXT		EVICES IN A
and executed a United States patent (Date Inventor Signed Declaration) 2002; and (3)	application therefore on (1),2002; and,2002	(2) July 12th,
Whereas, INTERNATIONA of New York, having a place of busi desires to acquire the entire right, tit any United States and foreign patent	tle and interest in the said application	, (hereinafter called IBM),
Now therefore, for a valuable the above named, hereby sell, assign right, title and interest in the said ap States and foreign countries, and all States application, and I request the upon the invention set forth in said a agree that IBM may apply for foreig papers necessary in connection with to do so by IBM.	plication and invention therein disc rights of priority resulting from the Commissioner of Patents to issue a application to IBM, its successors a gn Letters Patent on said invention a	rs and assigns, the entire closed for the United e filing of said United any Letters Patent granted and assigns; and I hereby and I will execute all
(1) Signed at	on	, 2002.
	William A. Brown	1

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(2) Signed at 18m Tyler, TX on July 12th , 2002.

R. MuRHEAA.
Richard William Muirhead

(3) Signed at ________, 2002.

Francis Xavier Reddington

REEL: 013132 FRAME: 0376

ASSIGNMENT Whereas, we, (1) William A. Brown of Raleigh and State of North Carolina County of Wake (2) Richard William Muirhead of Tyler and State of Texas County of Smith (3) Francis Xavier Reddington of Sarasota and State of Florida County of Sarasota have invented certain improvement in A METHOD FOR MANAGEMENT OF WORKFLOWS BETWEEN DEVICES IN A PERVASIVE EMBEDDED OR EXTERNAL ENVIRONMENT and executed a United States patent application therefore on (Date Inventor Signed Declaration) (1) ______,2002; and (2)_____ 2002; and (3) July 15 TH, 2002 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, I, 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 all rights of priority resulting from the filing of said United States application, and I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM. Signed at _______ on _______, 2002. (1)

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William A. Brown

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(2) Signed at _______ on _________, 2002.

Richard William Muirhead

(3) Signed at SAMSOM FL on July 15

Francis Xavier Reddington

RECORDED: 07/18/2002

KINKO'S (SARASOTA)