Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT			
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Attorney Docket number currently omitted to POU920070304US1 previously recorded on Reel 022020 Frame 0161. Assignor(s) hereby confirms the Corrective Assignment.			

CONVEYING PARTY DATA

Name	Execution Date	
John R. Flanagan	01/28/2008	
Daniel F. Casper	01/28/2008	
Catherine C. Huang	01/28/2008	
Matthew J. Kalos	01/31/2008	
Dale F. Riedy	01/28/2008	
Gustav E. Sittmann	01/29/2008	
Ugochukwu C. Njoku	01/28/2008	

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:	12030939

CORRESPONDENCE DATA

500760066

Fax Number: (860)286-0115

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 860-286-2929

Email: jstevenson@cantorcolburn.com

Correspondent Name: Cantor Colburn LLP
Address Line 1: 20 Church Street

Address Line 2: 22nd Floor

Address Line 4: Hartford, CONNECTICUT 06103

PATENT

REEL: 022139 FRAME: 0220

120309

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ATTORNEY DOCKET NUMBER:	POU920070304US1
NAME OF SUBMITTER:	Anne Davis Barry
Total Attachments: 12	
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PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

12/23/2008 500738898

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
John R. Flanagan	01/28/2008
Daniel F. Casper	01/28/2008
Catherine C. Huang	01/28/2008
Matthew J. Kalos	01/31/2008
Dale F. Riedy	01/28/2008
Gustav E. Sittmann	01/29/2008
Ugochukwu C. Njoku	01/28/2008

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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:	12030939

CORRESPONDENCE DATA

Fax Number:

(860)286-0115

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Phone:

860-286-2929

Email:

jstevenson@cantorcolburn.com

Correspondent Name: Address Line 1:

Cantor Colburn LLP 20 Church Street

Address Line 2:

22nd Floor

Address Line 4:

Hartford, CONNECTICUT 06103

NAME OF SUBMITTER:

Anne Davis Barry

PATENT REEL: 022139 FRAME: 0222

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Total Attachments: 12
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<u>ASSIGNMENT</u>

Docket No. POU920070304US1

INVENTOR AND CITY

Whereas, we

(1) John R. Flanagan County of Dutchess

(2) Daniel F. Casper County of Dutchess

(3) Catherine C. Huang County of Dutchess

(4)Matthew J. Kalos County of Pima

(6) Dale F. Riedy County of Dutchess

(6) Gustav E. Sittmann County of St. Louis

(7) Ugochukwu C. Njoku County of Westchester of Poughkeepsie, and State of New York,

of Poughkeepsie, and State of New York,

of Poughkeepsie, and State of New York.

of Tucson, and State of Arizona,

of Poughkeepsie, and State of New York,

of Webster Groves, and State of, Missouri

of Yonkers, and State of New York,

have invented certain improvements in

PROCESSING A VARIABLE LENGTH DEVICE COMMAND WORD AT A CONTROL UNIT IN AN I/O PROCESSING SYSTEM

DATES THAT INVENTORS SIGNED THE DECLARATION and executed, respectively, a United States patent application therefor on

(1)	1-28	2008,	(2)	1-28	2008,
(3)	1-28	2008,	(4)		2008,
(6)	<u> 1-28</u>	2008,	(6)		2008,
171		2000			

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 therefor;

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 filling of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we

PAGE 13

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842-435-2400

01/58/5008 14:21

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.

Signed-and sealed A. 7 Ay	on
John R/Flanagan	' ,
Daniel J. Casper Daniel F. Casper	on 1/28, 200
Catherine C. Huang	on 1/28 200
Matthew J. Kalos	on, 200
Dele F. Riedy Dale F. Riedy	on 1/28 ,200
Gustav E. Sittmann	on, 200
Headyland C. Nieler	on, 200
Ugochukwu C. Njoku	

ASSIGNMENT

Docket No. POU920070304US1

INVENTOR AND CITY

Whereas, we

USTUCLAG

- (1) John R. Flanagan County of Dutchess
- (2) Daniel F. Casper County of Dutchess
- (3) Catherine C. Huang County of Dutchess
- (4)Matthew J. Kalos County of Pima
- (5) Dale F. Riedy County of Dutchess
- (6) Gustav E. Sittmann County of St. Louis
- (7) Ugochukwu C. Njoku County of Westchester

of Poughkeepsie. and State of New York,

of Poughkeepsie, and State of New York,

of Poughkeepsie, and State of New York.

of Tucson. and State of Arizona,

of Poughkeepsic, and State of New York,

of Webster Groves, and State of, Missouri

of Yonkers, and State of New York.

have invented certain improvements in

PROCESSING A VARIABLE LENGTH DEVICE COMMAND WORD AT A CONTROL UNIT IN AN I/O PROCESSING SYSTEM

DATES THAT INVENTORS SIGNED THE **DECLARATION**

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

2008, (2) , 2008, (4) 1/3/ (3)(5)., 2008, (6) ____ . 2008.

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 sald application and invention, and to any United States and foreign patents to be obtained therefor;

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 inventions sot forth in said application to IBM, its successors and assigns; and we

PATENT

REEL: 022139 FRAME: 0226

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.

Signed and sealed		
	on	, 2008
John R. Flanagan		
	on	, 2008
Daniel F. Casper		
	on	. 2008
Catherine C. Huang	T to administration	•
Market	on 1/31	
Matthew J. Kalos	on 1/31	, 2008
The state of the s	22	, 2008
Dale F. Riedy	on	, 2000
	on	, 2008
Gustav E. Sittmann		
	on	, 2008
Ugochukwu C. Nioku		

ASSIGNMENT

Docket No. POU920070304US1

INVENTOR AND CITY

Whereas, we

- (1) John R. Flanagan County of Dutchess
- (2) Daniel F. Casper County of Dutchess
- (3) Catherine C. Huang County of Dutchess
- (4)Matthew J. Kalos County of Pima
- (5) Dale F. Riedy County of Dutchess
- (6) Gustav E. Sittmann County of St. Louis
- (7) Ugochukwu C. Njoku County of Westchester

of Poughkeepsie, and State of New York,

of Poughkeepsle, and State of New York,

of Poughkeepsie, and State of New York.

of Tucson, and State of Arizona,

of Poughkeepsie, and State of New York,

of Webster Groves, and State of, Missouri

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DATES THAT INVENTORS SIGNED THE DECLARATION and executed, respectively, a United States patent application therefor on

(1)	 2008,	(2)			. 2008.
(3)	 2008,	(4)			, 2008,
(5)	 2008,	(6)	29	Jan	, 2008,
177	 2008.				

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 therefor;

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Jan 29 08 12:16p

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.

Signed and sealed		
:	on	, 2008
John R. Flanagan		
	on	, 2008
Daniel F. Casper		
	on	, 2008
Catherine C. Huang		,
	A.D.	מחמי
Matthew J. Kalos	on	, 2000
	on	, 2008
Dale F. Riedy		
Gustav E. Sittmann	on 29 J	2008
Gustav E. Sittmann		
	on	, 2008
Ugochukwu C. Ninku		

REEL: 022139 FRAME: 0229

ASSIGNMENT

Docket No. POU920070304US1

INVENTOR AND CITY

Whereas, we

Ugochukwu Njoku

- (1) John R. Flanagan County of Dutchess
- (2) Daniel F. Casper County of Dutchess
- (3) Catherine C. Huang County of Dutchess
- (4) Matthew J. Kalos County of Pima
- (5) Dale F. Riedy County of Dutchess
- (6) Gustav E. Sittmann County of St. Louis
- (7) Ugochukwu C. Njoku County of Westchester

of Poughkeepsle, and State of New York,

of Paughkeepsie. and State of New York,

of Poughkeepsie. and State of New York.

of Tucson, and State of Arizona,

of Poughkeepsie, and State of New York,

of Webster Groves, and State of, Missouri

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2008, (2) 2008, (4) 2008 2008, (6)

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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.

Signed and sealed		
	on	, 2008
John R. Flanagan		
	on	, 2008
Daniel F. Casper		
	on	2008
Catherine C. Huang	·	
Matthew J. Kalos	on	2008
	on	2008
Dale F. Riedy	Warmen dark Hilliam Communication	
	on	. 2008
Gustav E. Sittmann Myorhullin Sharl Ugodnukwu C. Nioku	,	
Myselullin Man	on 1/2	, 2008
Ugodłukwu C. Nioku	(

PATENT

RECORDED: 01/22/2009 REEL: 022139 FRAME: 0231