Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT					
NATURE OF CONVEY	YANCE: ASSIGNMENT					
CONVEYING PARTY	DATA	J				
		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		
Name:	International	International Business Machines Corporation				
		D				
Street Address:	New Orchard Road					
City:	Armonk					
State/Country:	NEW YORK					
Postal Code:	10504					
	S Total: 1					
Property Ty	/ре		Number			
Application Number:		12030939				
CORRESPONDENCE	DATA					
Fax Number:	(860)280	6-0115				
Correspondence will b			tempt is unsuccessful.			
Phone:	860-286-2929					
Email:	jstevenson@cantorcolburn.com					
Correspondent Name:						
Address Line 1: Address Line 2:	20 Church Street 22nd Floor					
Address Line 2: Address Line 4:	And Floor Hartford, CONNECTICUT 06103					
	D.	Appo Dovis				
NAME OF SUBMITTE	R:	Anne Davis	Barry	PATENT		

Total Attachments: 12 source=1244469#page1.tif source=1244469#page2.tif source=1244469#page3.tif source=1244469#page4.tif source=1244469#page5.tif source=1244469#page7.tif source=1244469#page7.tif source=1244469#page9.tif source=1244469#page10.tif source=1244469#page11.tif source=1244469#page12.tif

2/14/2008 VIE: **0163**

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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NATURE OF CONVE	YANCE:	ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	' DATA				
	Name Execution Dat				
John R. Flanagan			01/28/2008		
Daniel F. Casper			01/28/2008		
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Matthew J. Kalos			01/31/2008		
Dale J. Riedy			01/28/2008		
Gustav E. Sittmann			01/29/2008		
Ugochukwu C. Njoku			01/28/2008		
RECEIVING PARTY I					
	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			umber		

CORRESPONDENCE DATA

Application Number:

Fax Number: (860)286-0115

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12030939

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.				
Phone:	860-286-2929			
Email:	nminer@cantorcolburn.com			
Correspondent Name: CANTOR COLBURN LLP-IBM POUGHKEEPSIE				
Address Line 1:	20 Church Street			
Address Line 2:	22nd Floor			
Address Line 4:	Hartford, CONNECTICUT 06103			

ATTORNEY DOCKET NUMBER:	POU920070304US1
NAME OF SUBMITTER:	Anne Davis Barry
Signature:	/Anne Davis Barry/
Date:	02/14/2008
Total Attachments: 8	

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEY	ANCE:	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 J. Riedy			01/28/2008	
Gustav E. Sittmann			01/29/2008	
Ugochukwu C. Njoku 01/28/2008			01/28/2008	
Name: Inter	rnational Bus	iness Machines Corporation		
	Orchard Ro			
City: Arm	Armonk			
State/Country: NEV	NEW YORK			
Postal Code: 1050	10504			
PROPERTY NUMBERS Total: 1				
Property Type Number				
Application Number: 12030939				
CORRESPONDENCE DATA				

http://epas.uspto.gov/com/receipt.jsp?iname=HKA8UNKQRYK3-7418 PATENT 2/14/200 REEL: 022020 FRAME: 016

Fax Number:	(860)286-0115
Correspondence will be sent	via US Mail when the fax attempt is unsuccessful.
Phone:	860-286-2929
Email:	nminer@cantorcolburn.com
Correspondent Name:	CANTOR COLBURN LLP-IBM POUGHKEEPSIE
Address Line 1:	20 Church Street
Address Line 2:	22nd Floor
Address Line 4:	Hartford, CONNECTICUT 06103

ATTORNEY DOCKET NUMBER:	POU920070304US1	
NAME OF SUBMITTER:	Anne Davis Barry	
Signature:	/Anne Davis Barry/	
Date:	02/14/2008	
Total Attachments: 8 source=POU920070304US1_ExecutedAssignment#page1.tif source=POU920070304US1_ExecutedAssignment#page2.tif source=POU920070304US1_ExecutedAssignment#page3.tif source=POU920070304US1_ExecutedAssignment#page4.tif source=POU920070304US1_ExecutedAssignment#page5.tif source=POU920070304US1_ExecutedAssignment#page6.tif source=POU920070304US1_ExecutedAssignment#page6.tif source=POU920070304US1_ExecutedAssignment#page7.tif source=POU920070304US1_ExecutedAssignment#page8.tif		

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ASSIGNMENT

Docket No. POU920070304US1

Whereas, we

INVENTOR AND CITY

(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

have invented certain improvements in

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,

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

DATES THAT INVENTORS SIGNED THE DECLARATION (1) (-28), 2008, (2) (1-28), 2008, (3) (1-28), 2008, (4), 2008, (5) (1-28), 2008, (6) , 2008, (7), 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;

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

IBW BED YOG 2 2WGO2

۵۵۶۶-۵۵۶ ۲۹:۵۲ PATENT REEL: 022020 FRAME: 0167 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 Z ser John R/Flanagan _, 2008 2 on Casper 2008 on Catherine C. Huang 2008 on Matthew J. Kalos 28 __, 2008 Dili F. Rie on Dale F. Riedy _____, 2008 on Gustav E. Sittmann . , 2008 on . Ugochukwu C. Njoku

Jan 29 08 12:16p

INVENTOR

AND CITY

ASSIGNMENT

Docket No. POU920070304US1

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 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)	, 2008, (2)	, 2008
(3)	, 2008, (4)	, 2008
(5)	, 2008, (6) 29 39	<u>, 2008</u>
(7)	, 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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p.15

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	, on	_, 2000
Matthew J. Kalos	on	_, 2008
Matthew J. Raios		0007
Dale F. Riedy	on	_, 2008
Dale F. Riedy Gustav E. Sittmann	on 29 Jan	_, 2008
Gustav E. Sittmann		
	on	_, 2008
Ugochukwu C. Njoku		

INVENTOR

AND CITY

ASSIGNMENT

Docket No, POU920070304US1

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

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of Webster Groves, and State of, Missouri

of Yonkers, and State of New York,

PROCESSING A VARIABLE LENGTH DEVICE COMMAND WORD AT A CONTROL UNIT IN AN VO PROCESSING SYSTEM

DATES THAT and exe INVENTORS SIGNED THE (1) ____ DECLARATION (3) ____

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

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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	
Catherine C. Huang		
	on	
Matthew J. Kalos		
	ол	
Dale F. Riedy		
	on	, 2008
Gustav E. Sittmann Myshullur Charl	on	<u>28</u> , 2008

Ugochukwu C. Njóku

ASSIGNMENT

Docket No. POU920070304US1

Whereas, we

INVENTOR AND CITY

(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

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of Poughkeepsie, and State of New York.

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of Webster Groves, and State of, Missouri

of Yonkers, and State of New York,

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Signed and sealed

	on	, 2008
John R. Flanagan		
	on	, 2008
Daniel F. Casper		
	ño	, 2008
Catherine C. Huang		
Mator Heler	on 1/3	2008
Matthew J. Kalos		
Dale F. Riedy	on	
	on	, 2008
Gustav E, Sittmann		,
	on "	
Ugochukwu C. Njoku		

PATENT REEL: 022020 FRAME: 0174

RECORDED: 12/23/2008