			IDM DUCKET NO.: DUK3-1333-02	
	To the Honorable Commissioner of Pa	01530850	ed original documents or copy the	reof.
1.	Name of conveying party(ies):	2. Nar	me and address of receiving party(ies):	
	James W. Adkisson	Name: Inter	national Business Machines Corporation	og <u>=</u>
	Arne W. Ballantine Ramachandra Divakaruni	Street Addre	sss: New Orchard Road	£ .
	Jeffrey B. Johnson	Street Addre	55. New Orchard Road	6
	Erin C. Jones	City: Armon	k State: New York	95°
	Hon-Sum P. Wong	,		200
Additi	onal name(s) of conveying party(ies) attached [] Yes [X] No	Zip Code: 10	0504	1082 092
3.	Nature of Conveyance:	Additional N	lame(s) & Address(es) attached?	
3.	value of conveyance.	[]	res [X] No	
[X]	Assignment [] Merger			
[]	Security Agreement [] Change of Na	ıme		
[]	Other		LIMO INDICATOR	
			MIN 19/29/00	
Execut	tion Date: 10/11/00; 10/20/00; 10/0 ₊ /00	0:	UND 16/24/00 9/695199	
	0/09/00; 10/13/00; and 10/20/00.		911095199	
4.	Application number(s) or patent number(s):		1	
	A. Patent Application No.(s) F.	10/13; and 10/ Patent No.(s)		
	Additional nui	mbers attached? [] `	Yes [X] No	
5.	Name and address of party whom correspondence concerning document should be mailed:		I number of applications and patents lved:[1]	
Name:	DeLIO & PETERSON, LLC			
	Address: 121 Whitney Avenue			-
City:	New Haven State: CT	7. Tota	Fee (37 CFR 3.41) \$40.00	
Zip Co		[]	Enclosed	_
Teleph	one Number: 203 787-0595	[X]	Authorized to be charged to Depos	sit
		[X]	Account number below Any deficiencies in the enclosed fe	OC.
		[A]	Any deficiencies in the enclosed le	c.
		8. Assig	gnee IBM Corporation Deposit Account	-
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/ EQ/ EVV	V MARINED WOODLE STORES	09-0)456	
FC:581	40.00 CH DO N	OT USE THIS SPACE		
	itement and Signature.			
	the best of my knowledge and belief, the foregoin		and correct and any	
	ached copy is a true copy of the original documer	IL I have to	a Intanta	
	of Person Signing Signature		Date 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
	ation No.: 36,678 Phone No.: (802) 7	769-8837		
Tota	al number of pages including cover sheet, attachm		[3]	
ibmb1003	01000asgn2			

IBM Docket No.: BUR9-1999-0279-US1

ASSIGNMENT

Whereas, we City of lericho Inventor and (1) James W. Adkisson City and State of Vermont County of Chittenden and City of Cold Spring Avis and State of New York (2) Arne W. Ballantine County of **Putnam** And and City of Somers (3) Ramachandra Divakaruni and State of New York County of Westchester and (4) Jeffrey B. Johnson City of Essex Junction and State of Vermont County of Chittenden and City of Tuckahoe (5) Erin C. Jones and State of New York County of Westchester and City of Chappagua (6) Hon-Sum P. Wong and State of New York County of Westchester have invented certain improvements in MULTIPLE THRESHOLD VOLTAGE FET USING Title **MULTIPLE WORK-FUNCTION GATE MATERIALS** AND METHOD OF MAKING THE SAME and have, executed, respectively, a United States patent application therefor on Date That Inventors and (3) , 20 , and (4) Ottolin 9 , 20 OO, Signed the Declaration and (5) ______, 20 ___, and (6) ______, 20 ___.

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 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

IBM Docket No.: BUR9-1999-0279-US1

ASSIGNMENT

Whereas, we

Inventor and City

(1) James W. Adkisson County of Chittenden

City of Jericho and State of Vermont

and

(2) Arne W. Ballantine County of Putnam

City of Cold Spring and State of New York

and

(3) Ramachandra Divakaruni County of Westchester

City of Somers and State of New York

and

(4) Jeffrey B. Johnson County of Chittenden

City of Essex Junction and State of Vermont

and

(5) Erin C. Jones
County of Westchester

City of Tuckahoe and State of New York

and

(6) Hon-Sum P. Wong County of Westchester

City of Chappaqua and State of New York

Title

have invented certain improvements in MULTIPLE THRESHOLD VOLTAGE FET USING MULTIPLE WORK-FUNCTION GATE MATERIALS AND METHOD OF MAKING THE SAME

Date That Inventors Signed the Declaration and have executed, respectively, a United States patent application therefor on (1) ________, 20 _____, and (2) _______, 20 _____, and (3) _______, 20 _____, and (4) _________, 20 _____, and (5) ________, 20 _____, and (6) _________, 20 _____.

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 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

IBM Docket No.: BUR9-1999-0279-US1

ASSIGNMENT

Whereas, we

Inventor and City

(1) James W. Adkisson County of Chittenden City of Jericho and State of Vermont

and

(2) Arne W. Ballantine County of Putnam

City of Cold Spring and State of New York

and

(3) Ramachandra Divakaruni County of Westchester City of Somers and State of New York

and

(4) Jeffrey B. Johnson County of Chittenden City of Essex Junction and State of Vermont

and

(5) Erin C. Jones
County of Westchester

City of Tuckahoe and State of New York

and

(6) Hon-Sum P. Wong County of Westchester

City of Chappaqua and State of New York

have invented certain improvements in

MULTIPLE THRESHOLD VOLTAGE FET USING MULTIPLE WORK-FUNCTION GATE MATERIALS

AND METHOD OF MAKING THE SAME

Date That Inventors Signed the Declaration

Title

and have executed, respectively, a United States patent application therefor on (1) _______, 20 ____, and (2) ______, 20 _____, and (3) ______, 20 _____, and (4) _______, 20 _____, and (5) _______, 20 _____, and (6) ________, 20 _____.

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 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

P.05

Express Mail No.: EL046033535US

IBM Docket No.: BUR9-1999-0279-US1

ASSIGNMENT

Whereas, we

inventor and City

(1) James W. Adkisson County of Chittenden

City of Jericho and State of Vermont

and

(2) Arne W. Ballantine County of Putnam

City of Cold Spring and State of New York

and

(3) Ramachandra Divakaruni County of Westchester

City of Somers and State of New York

and

(4) Jeffrey B. Johnson County of Chittenden City of Essex Junction and State of Vermont

and

(5) Erin C. Jones County of Westchester City of Tuckahoe and State of New York

and

(6) Hon-Sum P. Wong County of Westchester City of Chappagua and State of New York

Title

have invented certain improvements in MULTIPLE THRESHOLD VOLTAGE FET USING MULTIPLE WORK-FUNCTION GATE MATERIALS AND METHOD OF MAKING THE SAME

Date That Inventors Signed the Declaration

and have, executed, respectively, a United States patent application therefor on (1) October 11 2000, and (2) and (3) 20 , and (4) 0 ctober 9 and (5) , 20 , and (6) October 20

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 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.

REEL: 011272 FRAME: 0176

IBM Docket No.: BUR9-1999-0279-US1

ASSIGNMENT (continued)

TITLE: MULTIPLE THRESHOLD VOLTAGE FET USING MULTIPLE WORK-FUNCTION GATE MATERIALS AND METHOD OF MAKING THE SAME

City	(1) Signed at <u>FSSCx Junction</u> City	V T State	
	on October 11, 20 00	James W. Adkisson	signature
City	(2) Signed at City	State State	
Date	on <u>Fried Age</u> , 20 1	Arne W. Ballantine	signature
City	(3) Signed at	State	
Date	on, 20	Ramachandra Divakaruni	signature
City	(4) Signed at Essex Tuncture City	Vermont State	
Date	(4) Signed at Essex Tuncture City on Sctobs 9, 2000	Jeffrey B. Johnson	signature
City	(5) Signed at	State	
Date	on, 20	Erin C. Jones	signature
City	(6) Signed at	State	
Date	on, 20	Hon-Sum P. Wong	signature

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IBM Docket No.: BUR9-1999-0279-US1

ASSIGNMENT (continued)

TITLE: MULTIPLE THRESHOLD VOLTAGE FET USING MULTIPLE WORK-FUNCTION GATE MATERIALS AND METHOD OF MAKING THE SAME

City	(1) Signed at		
	City	State	
Date	on, 20		signature
		James W. Adkisson	
City	(2) Signed atCity	PROPERTY OF STREET, ST	
	City	State	
Date	on, 20	Arne W. Ballantine	signature
		A ! \/)_	
City	(3) Signed at E. Fishkill City	New York	<u> </u>
Dare	\circ	New York State Ramachandra Diva Ramachandra Divakaruni	farmin-
	on	Ramachandra Divakaruni	signature
City	(4) Signed at		
	City	State	
Date	on 20	Jeffrey B. Johnson	signature
City	(5) Signed at		
ŕ	(5) Signed atCity	State	
Date	on 20	Frie C. Isaaca	signature
		Erin C. Jones	
City	(6) Signed at		
	(6) Signed atCity	State	
Date	on, 20		signature
		Hon-Sum P. Wong	

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PAGE 2 OF 2

IBM Docket No.: BUR9-1999-0279-US1

ASSIGNMENT (continued)

TITLE: MULTIPLE THRESHOLD VOLTAGE FET USING MULTIPLE WORK-FUNCTION GATE MATERIALS AND METHOD OF MAKING THE SAME

City	(1) Signed at		
	(1) Signed atCity	State	
Date	on, 20		signature
		James W. Adkisson	
City	(2) Signed at	State	
		Jule	
Date	on, 20	Arne W. Ballantine	signature
City	(3) Signed atCity	State	
Date	on, 20		signature
Ciry	(4) Signed at Essa Tun	ction Vermont State	
Date	on Tetobr 9, 2000	State State Johnson Johnson	signature
City	(5) Signed at Gorkfourn	Height, New York	
Date	on October 13, 2000	Erin C. Jones	signature
City	(6) Signed atCity	State	
Date	on, 20		signature
		Hon-Sum P. Wong	

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PAGE 2 OF 2

P.06/09

Express Mail No.: EL046033535US

IBM Docket No.: BUR9-1999-0279-US1

ASSIGNMENT (continued)

TITLE:	MULTIPLE THRESHOLD VOLTAGE FET USING MULTIPLE WORK-FUNCTION GATE MATERIALS AND
	METHOD OF MAKING THE SAME

City	(1) Signed at <u>FSSCX Junction</u> City	V—————————————————————————————————————	_
	on Octobe 11 20 00	James W. Adkisson	signature
City	(2) Signed at	State	_
Date	on 20	Arne W. Ballantine	signature
City	(3) Signed atCity	State	_
Date	on 20	Ramachandra Divakaruni	signature
City	(4) Signed at Essex Tunction City	State State Jeffy D. Johnson Jeffrey B. Johnson	_
Date	on <u>setabs</u> 9 20 <u>00</u>	Jeffy D. Johnson Jeffrey B. Johnson	_signature
City	(5) Signed atCity	State	-
Date	on 20	Erin C. Jones	_signature
City	(6) Signed at Yorktown Heights	State A	.
Date	on 0ct 20 2000	Hon-Sum P. Wong	_signature

ibmb100301000asgn1

RECORDED: 10/24/2000