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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Louis C. Hsu	10/12/2007
Conal E. Murray	10/29/2007
Chandrasekhar Narayan	10/29/2007
Chih-Chao Yang	10/29/2007

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:	11928258	

CORRESPONDENCE DATA

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Address Line 1: 75 State Street, 14th Floor Address Line 4: Albany, NEW YORK 12207

ATTORNEY DOCKET NUMBER:	FIS920040417US3
NAME OF SUBMITTER:	John A. Merecki

Total Attachments: 4

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PATENT REEL: 020116 FRAME: 0657

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PATENT REEL: 020116 FRAME: 0658

Docket No.: FIS920040417US3

ASSIGNMENT

INVENTOR	Whereas, we			
AND CITY	(1) Louis C. Hsu, City of Fishk (2) Conal E. Murray, City of Yo (3) Chandrasekhar Narayan, G and (4) Chih-Chao Yang, City of Pe	orktown Heights, Cou City of San Jose, Cou	nty of Westchester unty of Santa Clara	and State of New York; and State of California;
	have invented certain improven			
TITLE	·			
TITLE	REPROGRAMMABLE ELECT	RICAL FUSE		
DATES THAT INVENTORS	and executed, respectively, a U	Inited States patent a	pplication therefor	on
SIGNED THE DECLARATION	(1) <u>Oct.</u> /2 , 2007, (2) (3), 2007, (4)	, 2	007, 00 7 .	
of business at A interest in the same Now therefore, hereby sell, assapplication and and all rights of Commissioner (IBM, its successinvention and w	RNATIONAL BUSINESS MACH armonk, New York 10504, (herein aid application and invention, and for a valuable consideration, recign, and transfer to IBM, its succinvention therein disclosed for the priority resulting from the filing of Patents to issue any Letters Pasors and assigns; and we hereby the will execute all papers necession to do so by IBM.	nafter called IBM), de d to any United State eipt whereof is hereb bessors and assigns, ne United States and of said United States a eatent granted upon the y agree that IBM may	esires to acquire the sand foreign pater y acknowledged, we the entire right, title foreign countries, application, and we have inventions set for apply for foreign L	e entire right, title and nts to be obtained therefor, re, the above named, e and interest in the said and in all foreign countries, e request the orth in said application to etters Patent on said
Signed and sealed	en lak	on_/ <i>D</i>	-/2 , 2007	•
Louis C. Hsu	,			
(2) Conal E. Murray		on	, 2007	
(3) Chandrasekhar		on	, 2007	
(4) Chih-Chao Yang	ı	on	, 2007	

P.02

Docket No.: FIS920040417US3

ASSIGNMENT

	Million and the second	,	
INVENTOR	Whereas, we	·	
AND CITY	 (1) Louis C. Hsu, City of Fishkill, County of Dutchess and State of New York; (2) Conal E. Murray, City of Yorktown Heights, County of Westchester and State of New York; (3) Chandrasekhar Narayan, City of San Jose, County of Santa Clara and State of California; 		
	and (4) Chih-Chao Yang, City of Poug	ghkeepsie, County of Dutch	ess and State of New York;
	have invented certain improvemen	nts in	
TITLE	REPROGRAMMABLE ELECTRIC	CAL FUSE	
DATES THAT	and executed, respectively, a United States patent application therefor on		
INVENTORS SIGNED THE DECLARATION	(1), 2007, (2) (3), 2007, (4)	10/29 2007, 2007.	
of business at /	Armonk, New York 10504, (hereinal	fter called IBM), desires to a	poration of New York, having a place acquire the entire right, title and eign patents to be obtained therefor;
hereby sell, ass application and and all rights of Commissioner IBM, its succes invention and w	invention therein disclosed for the priority resulting from the filing of so of Patents to issue any Letters Pate sors and assigns; and we hereby a	sors and assigns, the entire United States and foreign cand United States application and United States application on the invention of the state or see that IBM may apply for	e right, title and interest in the said ountries, and in all foreign countries, on, and we request the ions set forth in said application to
Signed and sealed	1		
(1) Louis C. Hsu		on	, 2007
(2) Conal E. Murra	V	on <u>0e+. 29</u>	, 2007
(3)Chandrasekha	r Narayan ,	on	, 2007
(4)Chih-Chao Yar	g	on	, 2007

Docket No.: FIS920040417US3

ASSIGNMENT

INVENTOR AND CITY	Whereas, we (1) Louis C. Hsu, City of Fishkill, County (2) Conal E. Murray, City of Yorktown F (3) Chandrasekhar Narayan, City of Saland (4) Chih-Chao Yang, City of Poughkeep have invented certain improvements in	Heights, County of Westchester and S an Jose, County of Santa Clara and S	State of New York; state of California;
TITLE	REPROGRAMMABLE ELECTRICAL F	USE	
of business at a interest in the sinterest in the sintere	and executed, respectively, a United State (1)	, 2007,, 2007. DRPORATION, a corporation of New Illed IBM), desires to acquire the entire United States and foreign patents to large is hereby acknowledged, we, the and assigns, the entire right, title and it States and foreign countries, and in hited States application, and we requested upon the inventions set forth in that IBM may apply for foreign Letters	e right, title and be obtained therefor; above named, interest in the said all foreign countries, est the said application to Patent on said
Signed and sealed	i		
(1) Louis C. Hsu		on, 2007	
(2)Conal E. Murra	y, 1	on, 2007	
(3) Chandrasekhan	Marayan T	on 04 - 29 - , 2007	
(4) Chih-Chao Yan	g .	on, 2007	

Docket No.: FIS920040417US3

<u>ASSIGNMENT</u>

INVENTOR	Whereas, we
AND CITY	 (1) Louis C. Hsu, City of Fishkill, County of Dutchess and State of New York; (2) Conal E. Murray, City of Yorkiown Heights, County of Westchester and State of New York; (3) Chandrasekhar Narayan, City of San Jose, County of Santa Clara and State of California; and
	(4) Chih-Chao Yang, City of Poughkeepsie, County of Dutchess and State of New York;
	have invented certain improvements in
TITLE	REPROGRAMMABLE ELECTRICAL FUSE
DATES THAT INVENTORS	and executed, respectively, a United States patent application therefor on
SIGNED THE DECLARATION	(1) , 2007, (2) , 2007, (3) , 2007, (4) , 2007, 2007.
of business at	ERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and said application and invention, and to any United States and foreign patents to be obtained therefor;
hereby sell, as application and and all rights o Commissioner IBM, its succes invention and v	for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, sign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said invention therein disclosed for the United States and foreign countries, and in all foreign countries, if priority resulting from the filling of said United States application, and we request the of Patents to issue any Letters Patent granted upon the inventions set forth in said application to ssors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said we will execute all papers necessary in connection with the United States and foreign applications for to do so by IBM.
Signed and seale	d
(1) Louis C. Hsu	on, 2007
(2) . Conal E. Murra	on, 2007
(3) Chandrasekha	on 2007
(4) Chih-Chao Yar	on <u>Oct. 29</u> , 2007

PATENT

REEL: 020116 FRAME: 0662