CH \$40.00 090447 1113554

In place of Form PTO-1595

Docket No. AUS920050162US1

RECORDATION FORM COVER SHEET **PATENTS**

(1) William Todd Boyd (2) John Lewis Hufferd (3) Agustin Mena, III	
(2) John Lewis Hufferd	05.09-05
(3) Agustin Mena, III	05-12-05
1-1	05-09-05
(4) Renato John Recio	05-09-05
(5) Madeline Vega	05-09-05
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
	Other
	(That I am have for the state of the state
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
correspondence concerning document	involved: 1
correspondence concerning document should be mailed: Casimer K. Salys IBM Corporation	7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed
correspondence concerning document should be mailed: Casimer K. Salys IBM Corporation Intellectual Property Law 11400 Burnet Road	7. Total fee (37 CFR 3.41) \$ 40.00
correspondence concerning document should be mailed: Casimer K. Salys IBM Corporation Intellectual Property Law	7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed
correspondence concerning document should be mailed: Casimer K. Salys IBM Corporation Intellectual Property Law 11400 Burnet Road Austin, TX 78758	7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed X Authorized to be charged to deposit account

Total number of pages including cover sheet: 7

PATENT

REEL: 016315 FRAME: 0081

ASSIGNMENT

Whereas, we,	
(1) William Todd Boyd	of Poughkeepsie
County of Dutchess	and State of New York
(2) John Lewis Hufferd	of San Jose
County of Santa Clara	and State of California
(3) Agustin Mena, III	of Austin
County of Williamson	and State of Texas
(4) Renato John Recio	of Austin
County of Travis	and State of Texas
(5) Madeline Vega	of Austin
County of Travis	and State of Texas
have invented certain improvement in	
	OUT OF USER SPACE BLOCK MODE I/O DIRECTLY CATION INSTANCE AND AN I/O ADAPTER

and executed a United States patent application therefore on (1) May 9 , 2005; (2) _____, 2005; (3) _____, 2005; (4) _____, 2005; and (5) _____, 2005.

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	Poughkeepsie	on _	Ma	9 9	, 2005.
	_				, , , , , , , , , , , , , , , , , , , ,	

William Todd Boyd

Page 1 of 2

PATENT REEL: 016315 FRAME: 0082 9 09:03

IBM DOCKET NO. AUS920050162US1

(2)	Signed at	on	, 2005.
		John Lewis Huff	erd
(3)	Signed at	on	, 2005.
		Agustin Mena, II	I
(4)	Signed at	on	, 2005.
		Renato John Rec	io
(5)	Signed at	on	, 2005.
		Madeline Vega	

USAUSLNF

IBM DOCKET NO. AUS920050162US1

ASSIGNMENT

Whereas, w	e,		
(1) William County of I	Todd Boyd Outchess	of Poughkeepsie and State of New York	
(2) John Le County of S	wis Hufferd anta Clara	of San Jose and State of California	
(3) Agustin County of V	•	of Austin and State of Texas	
(4) Renato J County of T		of Austin and State of Texas	
(5) Madelin County of T	-	of Austin and State of Texas	
have invent	ed certain improvement in		
	AND METHOD FOR OUT OF BETWEEN AN APPLICATION		
and execute	d a United States patent application // 2005; (3)	therefore on (1)	, 2005;
(2) <u>May</u> and (5)	, 2005; (3) , 2005.	, 2005; (4)	, 2005;
New York, I desires to ac United State Now above name title and inte foreign cour and I reques forth in said for foreign I	reas, INTERNATIONAL BUSINE naving a place of business at Armorquire the entire right, title and interes and foreign patents to be obtained therefore, for a valuable considerated, hereby sell, assign, and transfer the erest in the said application and inventices, and all rights of priority result the Commissioner of Patents to is application to IBM, its successors a cetters Patent on said invention and ted States and foreign applications	nk, New York 10504, (hereinafter est in the said application and invalue therefore; tion, receipt whereof is hereby acle of IBM, its successors and assigns ention therein disclosed for the Urating from the filing of said United suc any Letters Patent granted upon and assigns; and I hereby agree the I will execute all papers necessar	knowledged, I, the the entire right, nited States and I States application on the invention set at IBM may apply y in connection
(1) Sig	ned at	on	_, 2005.
		William Todd Boyd	
		······································	

Page 1 of 2

PATENT REEL: 016315 FRAME: 0084

(2)	Signed at San Jose	onMag_ 12_	, 2005.
		<i>"</i> .	John Janes
(3)	Signed at	on	, 2005.
		Agustin Mena, III	
(4)	Signed at	on	, 2005.
		Renato John Recio	
(5)	Signed at	on	, 2005.
		Madeline Vega	

ASSICNMENT

*****	Assignment	
Whereas, we,		
(1) William Todd Boyd	of Poughkeepsie	
County of Dutchess	and State of New	Vork
County of Duteness	and State of Ivew	TOIK
(2) John Lewis Hufferd	of San Jose	
County of Santa Clara	and State of Califo	ornia
(3) Agustin Mena, III	of Austin	
County of Williamson	and State of Texas	S
(4) Barrier L.L. B. C.		
(4) Ronato John Recio	of Austin	
County of Travis	and State of Texas	3
(5) Madeline Vega	of Austin	
County of Travis	and State of Texas	3
	and State VI YeAds	•
have invented certain improvement in		
SYSTEM AND METHOD FOR O		
BETWEEN AN APPLIC	ATION INSTANCE AND A	N I/O ADAPTER
and executed a United States natent and	digation therefore on (1)	2005.
(2) 2005: (3)	7/a 2005: (4)	, 2003; , 2005;
and executed a United States patent app (2), 2005; (3) sand (5), 2005.	, 2005, (4)	. <u> </u>
(*/) = • • • • • • • • • • • • • • • • • •		
Whereas, INTERNATIONAL I	BUSINESS MACHINES COR	PORATION, a corporation of
New York, having a place of business a	it Armonk, New York 10504, (hereinafter called IBM),
desires to acquire the entire right, title a	ind interest in the said applicati	ion and invention, and to any
United States and foreign patents to be	obtained therefore;	
Now therefore, for a valuable co	onsideration, receipt whereof is	hereby acknowledged, I, the
above named, hereby sell, assign, and to		
title and interest in the said application	and invention therein disclosed	for the United States and
foreign countries, and all rights of prior	ity resulting from the filing of	said United States application
and I request the Commissioner of Pate	nts to issue any Letters Patent i	granted upon the invention se
forth in said application to IBM, its suc	cossors and assigns; and I never	by agree that IBM may apply
for foreign Letters Patent on said inven- with the United States and foreign appl-	costions when called when to do	rs necessary in connection
with the Office States and foreign appr	cations when cance upon to ut) 80 by 161v1.
(1) Signed at	on	. 2005.
· · · · · · · · · · · · · · · · · · ·		, ,,
	William Todd Boy	vd

Page I of 2

PATENT

REEL: 016315 FRAME: 0086

(2)	Signed at	on	_ , 2005.
		John Lewis Hufferd	
(3)	Signed at <u>Austin</u>	on5/9	_ , 2005.
		Agustin/Mena, III	
(4)	Signed at Austin	on	_,2005.
		Renate John Recio	
			7
(5)	Signed at <u>Austin</u>	on 5 (G	_ , 2005.
		Madeline Vega	

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PATENT REEL: 016315 FRAME: 0087