# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Nils Haustein	10/17/2007
Craig Anthony Klein	10/11/2007
Karl Allen Nielsen	10/11/2007
Ulf Troppens	11/05/2007
Daniel James Winarski	10/11/2007

#### **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:	11969753

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	TUC920070091US1

NAME OF SUBMITTER: Dale F. Regelman

**PATENT** 

**REEL: 020346 FRAME: 0774** 

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Total Attachments: 6 source=TUC920070091US1\_Assign#page1.tif source=TUC920070091US1\_Assign#page2.tif source=TUC920070091US1\_Assign#page3.tif

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Whereas, we

(1) Nils Haustein of Soergenloch, Federal Republic of Ge	Germany,	and
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- (2) Craig Anthony Klein of Tucson, County of Pima and State of Arizona, and (3) Karl Allen Nielsen of Tucson, County of Pima and State of Arizona, and

	pens of Mainz, Federal ames Winarski of Tucso		
having inven	ted certain improvemen	nts in	
	APPARATUS AND METI	HOD TO ACCESS DATA	IN A RAID ARRAY
and executed	, respectively, a Unit	ted States patent a	pplication therefor on
(1)	10/17 , 200	07 (2)	, 2007
(3)	, 200	07 (4)	, 2007
(5)	, 200	07.	
Whereas	New York, having a 10504, (hereinafte: right, title and in	place of business r called IBM), desi nterest in the said	ATION, a corporation of at Armonk, New York res to acquire the entire application and nd foreign patents to be
(1) at <b>Main</b> z	acknowledged, I, the transfer to IBM, is title and interest therein disclosed and in all foreign resulting from the and I request the Patent granted upon application to IBM agree that IBM may invention and I will connection with the when called upon to	he above named, her ts successors and a in the said applic for the United Stat countries, and all filing of said Uni Commissioner of Pat n the inventions se, its successors an apply for foreign ll execute all pape e United States and o do so by IBM.	d assigns; and I hereby Letters Patent on said rs necessary in foreign applications
(2) at <b>Tucso</b>			
on	, 2007,	Craig Anthony Kl	ein

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(3) at <b>Tucson, AZ</b>	
on, 2007,	Karl Allen Nielsen
(4) at <b>Mainz, Germany</b>	
on, 2007,	Ulf Troppens
(5) at <b>Tucson, AZ</b>	
on , <b>2007</b> .	Daniel James Winarski

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Wher	ceas,	we	ruşo	
(2) (3) (4)	Crai Karl Ulf	g Anth Aller Troppe	ony Klein of Tucson, Nielsen of Tucson, C ens of Mainz, Federal	County of Pima and State of Arizona, and County of Pima and State of Arizona, and County of Pima and State of Arizona, and Republic of Germany, and Republic of Pima and State of Arizona,
havi	ing i	nvente	ed certain improvement	s in
			APPARATUS AND METHO	D TO ACCESS DATA IN A RAID ARRAY
and	exec	uted,	respectively, a Unite	ed States patent application therefor on
	(1)	-	, 2007	(2) Oct 1/ , 2007
				(4), 2007
	(5)	_//	OCT, 2007	'•
	Whe	reas,	New York, having a p 10504, (hereinafter right, title and int	SS MACHINES CORPORATION, a corporation of place of business at Armonk, New York called IBM), desires to acquire the entire terest in the said application and by United States and foreign patents to be
	Now	there	acknowledged, I, the transfer to IBM, its title and interest is therein disclosed for and in all foreign or resulting from the fand I request the Conference of the conference	consideration, receipt whereof is hereby above named, hereby sell, assign, and a successors and assigns, the entire right, in the said application and invention or the United States and foreign countries, countries, and all rights of priority filing of said United States application, ommissioner of Patents to issue any Letters the inventions set forth in said its successors and assigns; and I hereby apply for foreign Letters Patent on said execute all papers necessary in United States and foreign applications do so by IBM.
(1)	at M	ainz,	Germany	
on _			, 2007,	Nils Haustein
(2)	•	ucson,	AZ, 2007,	
OII _		1	, 200/,	Craig Anthony Klein

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(3) at <b>Tucson, AZ</b>	Kald Vin
on <u>11 Oct</u> , 2007,	Karl Allen Nielsen
(4) at Mainz, Germany	
on, 2007,	Ulf Troppens
(5) at <b>Tucson, AZ</b>	Daniel James Winarski

Docket No. TUC920070091US1 Page 1 of 2

Whereas, we

(1	) Nils Haustein	of	Soergenloch,	Federal	Republic	of	Germany,	and
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- (2) Craig Anthony Klein of Tucson, County of Pima and State of Arizona, and
- (3) Karl Allen Nielsen of Tucson, County of Pima and State of Arizona, and
- (4) Ulf Troppens of Mainz, Federal Republic of Germany, and

(5) Daniel	James Winarski of Tu	cson, Cou	nty of <b>Pima</b> and State of	Arizona,
having inve	ented certain improve	ments in		
	APPARATUS AND M	ETHOD TO	ACCESS DATA IN A RAID ARE	<b>AY</b>
and execute	ed, respectively, a U	nited Sta	tes patent application th	nerefor on
(1) _		2007	(2)	_, 2007
(3) _		2007	(2) Novas, 2007	_, 2007
(5)		2007.	`	
	New York, having 10504, (hereinaf right, title and invention, and t obtained therefo herefore, for a valua acknowledged, I, transfer to IBM, title and intere therein disclose and in all forei resulting from t and I request th Patent granted u application to I agree that IBM m invention and I	a place of ter called interest of any Uniterest of any apply will exect the Uniterest of any apply the Uniterest of any apply will exect of any apply will exect of any apply of any apply will exect of any apply will exect of any apply of any apply will exect of any apply of any apply will exect of any apply o	HINES CORPORATION, a corpor business at Armonk, New distance of BM), desires to acquire in the said application ted States and foreign part of the said application and assigns, the end of the said application and into the United States and foreign it is a said application and into the said United States and foreign it is a said united States are inner of Patents to issue the said United States are inner of Patents to issue the said United States are inner of Patents to issue the said United States are for foreign Letters Pater ute all papers necessary distates and foreign apply by IBM.	ew York re the entire and atents to be f is hereby sign, and entire right, yention gn countries, riority pplication, e any Letters aid and I hereby at on said in
(1) at <b>Mai</b> :	nz, Germany			
	, 2007,	Nils	Haustein	
(2) at <b>Tuc</b>			71-1-	
on	, 2007,	Crai	g Anthony Klein	

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(3) at Tucson, AZ	
on, <b>2007</b> ,	Karl Allen Nielsen
(4) at <b>Mainz, Germany</b> on <u> </u>	Ulf Troppens
(5) at Tucson, AZ	
on , <b>2007</b> .	Daniel James Winarski

**RECORDED: 01/10/2008**