PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	Correct the Correspondent's Name and Address due to an error in the Customer Number with the initial submission.

CONVEYING PARTY DATA

Name	Execution Date	
Alexander Bietsch	07/23/2004	
Michael W. Chaw	06/21/2004	
Ashok Lahiri	07/30/2004	
Bruno Michel	07/23/2004	
Mark C. Thurber	07/28/2004	

RECEIVING PARTY DATA

Name:	Hitachi Global Storage Technologies Netherlands B.V.
Street Address:	Locatellikade 1
Internal Address:	Parnassustoren
City:	1070 AZ Amsterdam
State/Country:	NETHERLANDS

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10788145

CORRESPONDENCE DATA

Fax Number: (512)479-3923

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (512) 542-2135

Email: Michael.Noe@bracewellgiuliani.com

Correspondent Name: Bracewell & Giuliani LLP

Address Line 1: P.O. Box 61389

Address Line 2: Attn: Michael E. Noe, Jr.

Address Line 4: Houston, TEXAS 77208-1389

NAME OF SUBMITTER: Michael E. Noe, Jr.

PATENT REEL: 016322 FRAME: 0108

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Total Attachments: 22

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Substitute Form PTO -1595	RECORDATION FO	RM COVER SHEET	Patent Docket No.
	PATENT	S ONLY	HSJ920030186US1
To The Honorable Commissioner	of Patents and trademarks: Ple	ease record the attached origin	al documents or copy thereof.
1. Name of conveying party(ies): Execution date:			
Alexander Bietsch Michael W. Chaw Ashok Lahiri Bruno Michel Mark C. Thurber		July 23, 2004 June 21, 2004 July 30, 2004 July 23, 2004 July 28, 2004	
2. Name and address of receivi	ng party(ies):	3. Nature of conveyance:	
Hitachi Global Storage Techno Locatellikade 1 1076 AZ Amsterdam P.O. Box 75215 1070 AE Amsterdam The Netherlands	logies Netherlands B.V.	 ✓ Assignment ☐ Security Agreement ✓ Other (To correct the due to wrong Customer submission) 	☐ Merger ☐ Change of Name he correspondent's address Number with initial
4. Application number(s) or patent number(s): □ New Patent Application, execution date of application □ Patent Application Number: □ Patent Application Number: □ 10/788,145 □ Execution/Filing/Iss July 23, 2004; June 21, 200 Execution Date February 26, Filing Date		21, 2004; July 30, 2004 and July 28, 2004 tion Date ry 26, 2004	
☐ Patent Number:		Issu	ie Date
Name and address of party to concerning document shoul		6. Total number of application 1	cations and patents involved:
Customer Number 48583 Bracewell & Giuliani LLP P.O. Box 61389		☐ Enclosed Check☐ Authorized to be ch	arged to deposit account te any deficiency to deposit
Houston, Texas 77	208-1389	8. Deposit account numb	er:
		(Attach duplicate copy of th	is page if paying by deposit account)
DO NOT USE THIS SPACE			
9. Statement and signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Betty J. Kirk Name of Person Signing Signature July 28, 2005 Date			
Total nur	Total number of pages including cover sheet, attachments, and documents: 9		

		ASSIGNMENT	
	Whereas, I,	•	
	(1) Alexander Bietsch of Rueschli	ikon, Switzerland;	
	(2) Michael W. Chaw of San Jose	, Santa Clara County, Cali	fornia;
	(3) Ashok Lahiri of Mainz, Germ	any;	
	(4) Bruno Michel of Adliswil, Swi	tzerland; and	
MCT	(5) Mare C. Thurber of San Jose,	Santa Clara County, Califo	ornia
	have invented certain improvements	in	
	SYSTEM, METHOD, AND AF SLIDER PROCESSING INCLUI	<u>DING LAPPING, AIR BE</u> A	NICALLY RELEASABLE ARING PATTERNING, AND
		<u>DEBONDING</u>	
	and executed, respectively, a United Declaration) (1)	States patent application then, 2004; (2), 2004; (4), 2004.	refor on (Date Inventor Signed, 2004;, 2004;
	thereinafter called HITACHI), desirant application and invention, and to any	reassustoren, 1076 AZ Andres to acquire the entire right. United States and foreign partle consideration, receipt what is sign, and transfer to HITAC the said application and investant all rights of priority request the Commissioner of	ht, title and interest in the said attents to be obtained therefor; ereof is hereby acknowledged, CHI, its successors and assigns, ention therein disclosed for the esulting from the filing of said of Patents to issue any Letters
•	assigns; and we hereby agree that invention and we will execute all p foreign applications when called upor	HITACHI may apply for appers necessary in connection	foreign Letters Patent on said
	(1) Signed at	on	, 2004.
			, 20011

Alexander Bietsch

1

(2) Signed at	on	, 2004.
		Michael W. Chaw
(3) Signed at	on	, 2004.
		Ashok Lahiri
(4) Signed at	on	, 2004.
		Bruno Michel
(5) Signed at El Salto, Jalisco, MEXIC	on 28 July	, 2004.
	Mach C. Thu	
		Marc C. Thurber Mark MC

Whereas, I,
(1) Alexander Bietsch of Rueschlikon, Switzerland;
(2) Michael W. Chaw of San Jose, Santa Clara County, California;
(3) Ashok Lahiri of Mainz, Germany;
(4) Bruno Michel of Adliswil, Switzerland; and
(5) Mark C. Thurber of San Jose, Santa Clara County, California
have invented certain improvements in
SYSTEM, METHOD, AND APPARATUS FOR MECHANICALLY RELEASABLE SLIDER PROCESSING INCLUDING LAPPING, AIR BEARING PATTERNING, AND
DEBONDING
and executed, respectively, a United States patent application therefor on (Date Inventor Signed Declaration) (1), 2004; (2), 2004; (3), 2004; (4), 2004; and (5), 2004.
Whereas, Hitachi Global Storage Technologies Netherlands B.V., having a place of business at Locatellikade 1, Parnassustoren, 1076 AZ Amsterdam, The Netherlands, (hereinafter called HITACHI), 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 HITACHI, 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 HITACHI, its successors and assigns; and we hereby agree that HITACHI 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 HITACHI. (1) Signed at
Alexander Bietsch

(2) Signed at	on	, 2004.
		Michael W. Chaw
(3) Signed at	on7/30	, 2004.
	Ashoh L	
		Ashok Lahiri
(4) Signed at	on	, 2004.
		Bruno Michel
(5) Signed at	on	, 2004.
		Marc C. Thurber

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(1) Signed at on, 2004.
Alexander Bietsch

(2) Signed at SAN JOJE	on 6/2/, 2004	٠.
	moh	
	Michael W. Char	w
(3) Signed at	on, 2004	.
	Ashok Lahi	– ri
(4) Signed at	on	4.
	Bruno Mich	el
(5) Signed at	on, 2004	١.
	Marc C. Thurbe	– er

W	her	eas	T.

- (1) Alexander Bietsch of Rueschlikon, Switzerland;
- (2) Michael W. Chaw of San Jose, Santa Clara County, California;
- (3) Ashok Lahiri of Mainz, Germany;
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Declaration) (1) July 23,	, 2004; (2)	, 2004;
(3)	, 2004; (4) July 23	, 2004;
and (5)	, 2004. 🍴 🖟	

Whereas, Hitachi Global Storage Technologies Netherlands B.V., having a place of business at Locatellikade 1, Parnassustoren, 1076 AZ Amsterdam, The Netherlands, (hereinafter called HITACHI), 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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(1) Signed at Rischlikon	on $\frac{7}{6}(\sqrt{23}, 2004, 2004)$
(, 6	
	Mexander Cital
	Alayandar Rietsch

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(2) Signed at _		on _		, 20)04.
	-			Michael W. Cl	haw
(3) Signed at _		on		, 20)04.
	-	_		Ashok La	
(4) Signed at	Ruschlikon	on _	July	23, 2004, 20	004.
	Ruschlikon		Bew	ns allalel	2
	-			Bruno Mi	chel
(5) Signed at _		on		, 20	04.
	-			Marc C. Thur	 ber

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Wherea	S.	1

- (1) Alexander Bietsch of Rueschlikon, Switzerland;
- (2) Michael W. Chaw of San Jose, Santa Clara County, California;
- (3) Ashok Lahiri of Mainz, Germany;
- (4) Bruno Michel of Adliswil, Switzerland; and
- MCT (5) Mare C. Thurber of San Jose, Santa Clara County, California Mark

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and executed, respectively, a (Declaration) (1)	Jnited States patent application therefor (2004: (2)	on (Date Inventor Signed
(3)	2004: (4)	2004,
and (5) 28 July	, 2004; (2) , 2004; (4) , 2004.	, 2004,
business at Locatellikade (hereinafter called HITACH) application and invention, and Now therefore, for a	bal Storage Technologies Netherlands 1, Parnassustoren, 1076 AZ Amster 2), desires to acquire the entire right, tit to any United States and foreign patents valuable consideration, receipt whereof sell, assign, and transfer to HITACHI,	rdam, The Netherlands, the and interest in the said to be obtained therefor; is hereby acknowledged,
the entire right, title and inter United States and foreign cou United States application, an Patent granted upon the inven	est in the said application and invention intries, and all rights of priority resulting we request the Commissioner of Pattion set forth in said application to HIT that HITACHI may apply for foreign	n therein disclosed for the ng from the filing of said tents to issue any Letters ACHI, its successors and
invention and we will execut	e all papers necessary in connection we ed upon to do so by HITACHI.	
(1) Signed at	on	, 2004.
(1) Signed at	on	, 200 Alexander Biets

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PATENT

REEL: 016322 FRAME: 0119

(2) Signed at	on	, 2004.
		Michael W. Chaw
(3) Signed at	on	, 2004.
		Ashok Lahiri
(4) Signed at	on	, 2004.
		Bruno Michel
5) Signed at El Salto, Jalisco, MEXIC	co on 28 July	, 2004.
	Much C. The	uber
		Marc C. Thurber Mark

ASSIGNMENT
Whereas, I,
(1) Alexander Bietsch of Rueschlikon, Switzerland;
(2) Michael W. Chaw of San Jose, Santa Clara County, California; (3) Ashok Lahiri of Mainz, Germany; (4) Michael W. Chaw of San Jose, Santa Clara County, California; (5) Ashok Lahiri of Mainz, Germany;
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(1) Signed at on

1

PATENT REEL: 016322 FRAME: 0121

Alexander Bietsch

(2) Signed at	on	, 2004.
		Michael W. Chaw
(3) Signed at	on 7/30	, 2004.
	Aslah Z	
		Ashok Lahiri
(4) Signed at	on	, 2004.
		Bruno Michel
(5) Signed at	on	, 2004.
		Marc C. Thurber

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(1) Signed at on, 2004.

PATENT REEL: 016322 FRAME: 0123

Alexander Bietsch

(2) Signed at SAN Jose	on 6/2	, 2004.
	206	
		Michael W. Chaw
(3) Signed at	on	, 2004.
		Ashok Lahiri
(4) Signed at	on	, 2004.
		Bruno Michel
(5) Signed at	on	, 2004.
	To the Committee of the	Marc C. Thurber

2

Whereas, I,

- (1) Alexander Bietsch of Rueschlikon, Switzerland;
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(3)	, 2004; (4) July 23	, 2004;
and (5)	, 2004. ∥ ∥	

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(1) Signed at Rischlikon on July 23, 2004, 2004.

Mexander Bittsch

Alexander Bietsch

1

(2) Signed at	on _	, 2004.
		Michael W. Chaw
(3) Signed at	on _	, 2004.
		Ashok Lahiri
(4) Signed at Ruschlikon	on _	July 23, 2004, 2004.
(4) Signed at Ruschlikon		Bours allolel
		Bruno Michel
(5) Signed at	on _	, 2004.
_		
		Marc C. Thurber

RECORDED: 07/28/2005