·	- 07-12-2002		Docket No.: 64179-011 (AGDK-1)		
FORM PTO-1595 (Modified) '?ev. 03-01)			Г		NT OF COMMERCE
OMB No. 0651-0027 (exp.5/31/2002) P08/REV03				Patent a	nd Trademark Office
Tab settings 🔶 🔶 💙 🔍	10215171	1	¥	▼	▼
To the Honorable Commissioner of Patents ar	nd Trademarks: Ple	ease record the a	ttached origina	al documents o	or copy thereof.
<ol> <li>Name of conveying party(ies):</li> </ol>	2	. Name and add	ress of receivir	ng party(ies):	
Yuankai Zheng Yihong Wu Xiaoyan Wang Dan You	27.02	Name: Data Si Internal Addres			195667 PT
Additional names(s) of conveying party(ies)	Yes 🛛 No				10/
3. Nature of conveyance:		· · ·			<b>n</b> —
🖄 Assignment 🗌 Merger		Street Address: DSI Building, 5 Engineering Drive 1			
Security Agreement     Chang	e of Name	(off Kent Ridge	Crescent, NUS)	)	
Other	!	City: Singapore	117608	State:	ZIP:
3-26-02; 3-26-02; 6-10		, <u> </u>			
Execution Date: <u>3-26-02; respectively</u>	A	dditional name(s)	& address(es) a	attached?	
Addition	al numbers attached	? 🗋 Yes 🗷	No		
5. Name and address of party to whom correspo concerning document should be mailed:	ndence	. Total number o		and patents inv	rolved: 1
Name: Toby H. Kusmer	7	. Total fee (37 Cl	=R 3 41) <sup>.</sup>	\$ 10.00	
Internal Address: McDermott, Will & Emery				insufficiency s	
			debited to dep		
		Authorized	to be charged	to deposit acc	ount
Street Address: 28 State Street	8	. Deposit accoun	t number:		, 1974, 11107, 11134, 1115, 1179, 1179, 117
7/11/2002 TDIAZI 00000111 10185667					
1 FC:581 40.00 0P		50-1133			
City: Boston State: MA	ZIP: 02109	(Attach duplicate	copy of this page	if paying by depos	sit account)
9. Statement and signature. To the best of my knowledge and belief, the fc of the original document.		THIS SPACE	rect and any at	ttached copy is	a true copy
Toby H. Kusmer	/ \$	Albinen		June 27, 2002	
Name of Person Signing Total number of pages ir	ncluding cover sheet	Signature , attachments, and	document:	4 Date	
Mail docume	ents to be recorded with requisioner of Patents & Trade	ired cover sheet informat	ion to:		
Comm	Washington, D.C		~ PA	TENT	

REEL: 013066 FRAME: 0501

## ASSIGNMENT OF PATENT RIGHTS

We, Yuankai Zheng residing at Block 3, Normanton Park, #06-177, Singapore 119000, Yihong Wu residing at Blk 10, Dover Rise, #17-09, Singapore 138680, Xiaoyan Wang residing at Competence Center for Circuit Design, Department of Electroscience, Lund University, P. O. Box 118, SE-221 00 Lund, Sweden and Dan You residing at Block 296A, Choa Chu Kang Ave 2, #11-18, Singapore 681296, having invented improvements in MAGNETIC TUNNEL JUNCTION MAGNETIC RANDOM ACCESS MEMORY, and having executed a patent application for United States patent describing the same based thereon (and we hereby authorize our attorney(s), authorized to prosecute said application, to here insert the filing date and serial number of said application, when known, Serial No. \_\_\_\_\_\_\_, Filed \_\_\_\_\_\_\_, for good and valuable consideration, receipt of which is hereby acknowledged from Data Storage Institute, a Singapore corporation having its principal place of business at DSI Building, 5 Engineering Drive 1 (off Kent Ridge Crescent, NUS), Singapore 117608 (and hereinafter called the Assignee, which term shall include its successors and assigns), do hereby sell, assign and transfer unto the Assignee, our entire right, title, and interest, in and throughout the United States of America (including its

territories and dependencies) and all countries foreign thereto, in and to and under said application (which term shall include hereinafter where the context so admits all divisional, continuing, reissue and other patent applications based thereon) and the inventions (which term shall include each and every such invention, or part thereof) therein described, and any and all patents and like rights of exclusion (including extensions thereof) of any country which may be granted on or for said inventions or on said application;

And for the same consideration we do also hereby sell, assign and transfer unto the Assignee all our rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty and all other treaties of like purpose in respect of said inventions and said application, and do hereby authorize the Assignee to apply in our name or in their own name (in a manner to be agreed upon by the Assignee) or their designee, for patents and like rights of exclusion on or for said inventions in all countries, claiming (if the Assignee so desires) the priority of the filing date of said application under the provisions of said Convention, Treaty or any such other Convention or Treaty;

And for the same consideration we do hereby agree for ourselves and for our respective heirs, executors and administrators, promptly upon request of the Assignee, to execute and deliver without further compensation any power of attorney, assignment, original, divisional, continuing, reissue or other application or applications for patents or like rights of exclusion of any country, or other lawful documents and any further assurances that may be deemed necessary or desirable by the Assignee fully to secure to it said right, title, and interest as aforesaid in and to said inventions, application, and said several patents and like rights of exclusion, or any of them, all, however, at the expense of the Assignee;

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and the corresponding Official of each country foreign thereto to issue to the Assignee any and all patents and like rights of exclusion which may be granted in any country upon said application or on or for said inventions;

And we do hereby covenant for ourselves and for our respective legal representatives and agree with the Assignee that we have granted no right or license to make, use or sell said inventions to anyone except the Assignee, that prior to the execution of this deed my right, title and interest in and to said inventions has not been otherwise encumbered by us, and that we have not executed and will not execute any instrument in conflict herewith.

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IN WITNESS WHEREOF, we hereunto set our hands and seal on the day and year hereinafter noted.

Ekerg Tuantai 25/03/2002 ai Zheng

Yuankai Zheng Block 3 Normanton Park #06-177 Singapore 119000

Before me this 26 day of 02, year of 2002, personally appeared Yuankai Zheng, who is to me personally known, and acknowledged the foregoing instrument to be his free act and deed.

QIU JINJUN Qiu Jinjen Witness (Name and Signature)

Yihong Wu Block 10 **Dover Rise** #17-09 Singapore 138680

Before me this day of <u>03</u>, year of <u>200</u>, personally appeared Yihong Wu, who is to me personally known, and acknowledged the foregoing instrument to be his free act and deed.

LIU ZHIYONG 56

Witness (Name and Signature)

Xiaoyan Wang Competence Center for Circuit Design Department of Electroscience Lund University P. O. Box 118 SE-221 00 Lund Sweden

Before me this 10 day of 06, year of 202, personally appeared Xiaoyan Wang, who is to me personally known, and acknowledged the foregoing instrument to be his free act and deed.

PIET DO ANDREANI Pick Clubrent Witness (Name and Signature)

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PATENT REEL: 013066 FRAME: 0503

work

25/03/02

Dan You Block 296A Choa Chu Kang Ave 2 #11-18 Singapore 681296

Before me this  $\underline{\mathcal{A}}$  day of  $\underline{\mathcal{M}}_{ducle}$ , year of  $\underline{\mathcal{D}}_{ducle}$ , personally appeared Dan You, who is to me personally known, and acknowledged the foregoing instrument to be his free act and deed.

Witness (Name and Signature)

Attorney Docket No. 64179-011 (AGDK-1) Toby H. Kusmer, Esq. McDermott Will & Emery 28 State Street Boston, MA 02109-1775 Tel: 617/535-4065 Fax: 617/535-3800

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**RECORDED: 06/27/2002**