· · ·	Docket No.: SHIG PTA0104JA
FORM PTO-1595 (Modified) 08 - 19 - 2004	SHEET
tev. 03-01) MB No. 0651-0027 (exp.5/31/2002) 08A/REV03	Patent and Trademark Office
Tab settings → → → ▼ 102817730	<b>T T T</b>
To the Director of the United States Patent and Trademark O	Office: Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): Takahiro HANYU Hiromitsu KIMURA	2. Name and address of receiving party(ies): Name: TOHOKU TECHNO ARCH CO., LTD.
Additional names(s) of conveying party(ies)	Address:     468, Aza Aoba, Aramaki       Aoba-ku, Sendai-shi     000
3. Nature of conveyance:	17541 1079 0810
X Assignment	
Security Agreement     Change of Name	City: Miyagi State/Prov.:
Other	_ Country: <u>JAPAN</u> ZIP: <u>980-0845</u>
Execution Date: 8/2/04; 7/27/04	Additional name(s) & address(es)
8/12/2004 MBELETE1 00000032 10914807 2 FC:8021 40.00 D	
Additional number	rs 🔲 Yes 🖾 No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Norman P. Soloway	7. Total fee (37 CFR 3.41):\$ 40.00
Registration No. 24,315	<ul> <li>Enclosed - Any excess or insufficiency should be credited or debited to deposit account</li> </ul>
Address: HAYES SOLOWAY P.C.	
130 W. Cushing Street	Authorized to be charged to deposit account
	8. Deposit account number:
City: Tucson State/Prov.: AZ	08-1391
Country: USA ZIP: 85701	(Attach duplicate copy of this page if paying by deposit account)
9. Statement and signature. To the best of my knowledge and belief, the foregoing info of the original document. <u>Norman P. Soloway</u> Name of Person Signing Total number of pages includin	or USE THIS SPACE primation is true and correct and any attached copy is a true copy August 10, 2004 Signature ng cover sheet, attachments, and document:
Mail Stop Assignr Director of the United Sta	with required cover sheet information to: ment Recordation Services ates Patent and Trademark Office Jexandria, VA 22313-1450 PATENT

REEL: 015683 FRAME: 0585

## <u>ASSIGNMENT</u>

(Foreign - in the United States of America)

I, Takahiro HANYU, of C3-810, 3-2, Moniwadai 4-chome, Taihaku-ku, Sendaishi, Miyagi 982-0252 JAPAN, and Hiromitsu KIMURA, of T2 Building 2-1, 1-12 Hachiman 4-chome, Aoba-ku, Sendai-shi, Miyagi 980-0871 JAPAN, having invented certain inventions and improvements in **LOGIC-IN-MEMORY CIRCUIT USING MAGNETORESISTIVE ELEMENT** and having executed an application for Letters Patent of the United States of America describing the same and based thereon on 8/2/04; 7/27/04 (and I hereby authorize my attorneys, 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, the receipt of which is hereby acknowledged from **TOHOKU TECHNO ARCH CO., LTD,** a Japanese corporation having its principal place of business at <u>468, Aza Aoba, Aramaki, Aoba-ku</u>, Sendai-shi, Miyagi 980-0845 Japan, do hereby sell, assign and transfer unto the Assignees, their successors, and assigns my entire right, title, and interest, in and to said invention in the United States of America, including all rights, title and interest in the above-mentioned application and any divisional, continuing or reissue application or applications and any patent which may be issued on the said invention in the United States of America;

And for the same consideration I do agree that I will upon request execute any instrument which the Assignees may desire to carry this Assignment into effect and perfect the title transferred hereby or prosecute the above-mentioned application;

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent on the said application to the Assignees;

And I do hereby jointly and severally covenant for myself and for my legal representatives that I have granted no right or license to make, use, or sell said inventions to anyone except the Assignees, that prior to the execution of this deed my right, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by me, and that I have not executed and will not execute any instrument in conflict herewith.

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PATENT REEL: 015683 FRAME: 0586 IN WITNESS WHEREOF, I hereunto set my hand and seal on the day and year hereinafter noted.

Sole or first Inventor's Signature: <u>- 戸生 貴 </u>	Date August 2 2004
Full name (typed or printed): Takahiro HANYU	<i>J</i>
Witness: <u>M. Inagami</u>	
Witness: Wakako IWAGAM	
Date: 2004. 8. 5	
Date:	
Second Inventor's Signature: 木村 啓 阿	
Full name (typed or printed): Hiromitsu KIMURA	
Witness: <u>M. Imagami</u>	
Witness: Wakako IWAGAMI	
Date: & . F	
Date: P. J	
Third Inventor's	
Signature:	Date
Full name (typed or printed)	
Witness:	
Witness:	
Date:	
Date:	

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