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FORM PTO-1596 RF

1-31-92

102335605 ATENTS ONLY U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:  1. Name of Conveying Party(ies):  1. Sume and address of receiving party(ies):  1. Name of Conveying party(ies):  1. Same and address of Patent number(s):  1. Security Agreement	Docket No.: 57454-829 PATEN	TS ONLY
Tsukasa O JISHI and Hideto HIDAKA  Additional name(s) of conveying party(ies) attached?	To the Honorable Commissioner for Patents and Trademarks	: Please record the attached original documents or copy thereto:
Additional name(s) of conveying party(ies) attached?	1. Name of Conveying Party(ies):	2. Name and address of receiving party(ies):
Additional name(s) of conveying party(ies) attached?	Tsukasa O DISHI and Hideto HIDAKA	Name: MITSUBISHI DENKI KABUSHIKI KAISHA
3. Nature of Conveyance:    Assignment	!	Address: 2-3, Marunouchi 2-chome
Additional name(s) & address(es) attached?     Yes	Additional name(s) of conveying party(ies) attached? Yes	Chiyoda-ku
German   German	3. Nature of Conveyance:	Tokyo 100-8310, JAPAN
Other  Execution Da e: October 31 and October 31, 2002  Additional name(s) & address(es) attached? □ Yes  4. Application number(s) or patent number(s):  If the doct ment is being filed together with a new application, the execution date of the application is: October 31 and October 31, 2002  A. Patent Application No(s).  B. Patent No(s).  Additional numbers attached? □ Yes  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: MCDERMOTT, WILL & EMERY Internal Address:  Street Address: 600 13th Street, N.W.  City: Washington State: DC Zip: 20005  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.  Stephen A. Becker, 26,527  Name and Registration No. of Person Signing  Signature  Date  Total number of pages comprising cover sheet: 1		
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**REEL: 013639 FRAME: 0169** 

## **ASSIGNMENT**

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WHEREAS	Isakasa OOISIII alla	HIGELO HIDAKA	1
	the "Assignors," have jointl M MAGNETIC MEMORY D	EVICE CONDUCTING	
of A Collination	MINOL HILINOP	, 10	Willon He Has.
(a)	filed an application for U	nited States Letters P erial No	
(p)	executed an application October 31, 2002	for United States Lette_; or	ers Patent on
(c)	filed a provisional applic as (Serial No.		<u></u> d

WHEREAS, <u>Mitsubishi Denki Kabushiki Kaisha</u>, a corporation organized and existing under the laws of <u>Japan</u>, having a place of business at: <u>2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN</u>, hereinafter called the "Assignee," is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under any Letters Patent which may be obtained to said invention, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient considerations, the receipt of which by said Assignors from the said Assignee is hereby acknowledged, the said Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, the entire, right, title and interest for the United States in and to the invention and application hereinabove identified, and any Letters Patent of the United States that may issue for said invention, together with the entire right, title and interest in and to said invention and applications for Letters Patent and Letters Patent therefor, in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; to have and to hold for the sole and exclusive use and benefit of the said Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said inventions may issue.

PATENT REEL: 013639 FRAME: 0170 And the said Assignors do hereby covenant and agree, for himself and his legal representatives, that he will assist the said Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the said Assignee may elect to make covering the invention herein identified, as hereinabove set forth; in vesting in the said Assignee like exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and that they will execute and deliver to the said Assignee any and all additional papers which may be requested by the said Assignee to fully carry out the terms of this Assignment.

The undersigned hereby grant(s) the attorneys of McDermott, Will & Emery the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue Letters Patent to the said Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the said Assignors have hereunto set his hands and affixed his seal.

Date: October 31, 2002 (Seal)	Isukasa OOISHI
Date: October 31, 2002 (Seal)	Mideto HIDAKA
Date: (Seal)	
Date:(Seal)	

**RECORDED: 12/20/2002**