NO. 2875 P. 2 Atty. Dkt. No. 017447-0184

FORM PTO-1595 (modified)	U.S. DEPARTMENT OF COMMERCE	
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PATENT	S ONLY	
To the Director of the United States Patent and Trademark Office	Please record the attached original documents or copies thereof.	
Name of conveying party(ies):	Name and address of receiving party(ies):	
Yuji NAGAI Yutaka KASHIHARA Tadashi KOJIMA	KABUSHIKI KAISHA TOSHIBA 1-1, Shibaura 1-chome Minato-ku, Tokyo 105-8001 Japan	
Additional conveying party(ies)		
3. Nature of conveyance:  ASSIGNMENT  Execution Date:		
February 7, 2005 and February 14, 2005	Additional name(s) & address(es) attached? NO	
<ol><li>Application number(s) or patent number(s):</li></ol>		
If this is being filed together with a new application, the exe	cution date of the application is:  B. Patent Number(s):	
A. Patent Application Number(s):	B. Patent Nomber(s).	
11/056,349		
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<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	6. Total number of applications/patents involved: 1	
	7. Total fee (37 C.F.R. § 3.41): \$40.00	
David A. Blumenthal FOLEY & LARDNER LLP	Check Enclosed	
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T-748 P.007/008 U-250

U.S. Phants-Sole or Joint

## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and

KABUSHIKI KAISBA TOSHIBA

address of

1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 Japan

assignee

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

utle of invention

MODULATOR, MODULATION METHOD, AND METHOD OF MANUFACTURING AN OPTICAL RECORDABLE MEDIUM WITE ENHANCED SECURITY FOR CONFIDENTALL INFORMATION

as set forth in this United States Patent Application

check one		executed concurrently herewith	
	囟	executed on February 7, 2005 and February 14, 2005	
		Serial No. Filed	

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Leners Patent to said ASSIGNEE, its successors or assigns in accordance herewith:

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith:

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

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Each of the undersigned hereby grants the firm of FOLEY & LARDNER the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAME	S AND SIGNATURES OF INVENTORS		
Name: Yuji NAGAI	Signature: Mix Magai	Date: 1-1 7, 2005	
Name: Yutaka Kashihara	Signature: Mitaka Kashirhara	Date: Felt 7,24	-
Name: Tadashi KOJIMA	Signature: Tadashi fajing	Date: 7 1 14 200	<b>F</b>
Name:	Signature:	Date:	1
Name:	Signature:	Date:	
NAMI	S AND SIGNATURES OF WITNESSES	***************************************	
Name: saíchi suyama	Signature:	Date: February	14,200
Name:	Signature:	Date:	

Note: Prima facte evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer caths whose authority is proved by a certificate from a U.S. Consul.

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