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05-12-2006



Alexandria, VA 22313-1450 103237062 attorney Docket No. 127868							
		201002 Attorney Docket No. 127868					
	Please record the attached original document or copy thereof.						
1.	A. Name of conveying parties: [1] Takuya TSUKAGOSHI [2] Jiro YOSHINARI [3] Hideaki MIURA [4] Tetsuro MIZUSHIMA B. Additional name(s) of conveying party(ies) attached to the party in	2. A. Name and address of receiving party: TDK CORPORATION 1-13-1, NIHONBASHI, CHUO-KU TOKYO 103-8272 JAPAN					
3.	A. Nature of conveyance: Assignment	B. Additional name(s) & address(es) attached? ☐Yes ☑ No					
4.	This document is being filed together with a new ap A. Patent Application No.(s) Additional number	B. Patent No.(s)					
C. Title of Application: HOLOGRAPHIC RECORDING METHOD, HOLOGRAPHIC RECORDING APPARATUS, HOLOGRAPHIC MEMORY REPRODUCING METHOD, HOLOGRAPHIC MEMORY REPRODUCING APPARATUS, HOLOGRAPHIC RECORDING AND REPRODUCING APPARATUS, AND HOLOGRAPHIC RECORDING MEDIUM							
5.	Name and address of party to whom correspondence concerning document should be mailed: Name: James A. Oliff Address: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320	 6. Total number of applications and patents involved: 1 7. A. Total fee (37 CFR 3.41)\$ 40.00 B. Enclosed (Check No. 179399) 8. Credit any overpayment or charge any underpayment to deposit account number 15-0461. 					
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.							
	James A. Oliff, Registration No. 27,075 Jesse O. Collier Registration No. 53,839 Total number of pages including cover sheet, attachments, and document: 2						

PATENT

REEL: 017876 FRAME: 0608

		ASSIGNMENT
		(1) Takuya TSUKAGOSHI (5)
(1-8)	Name(s) of Inventor(s) (3)	(2) Jiro YOSHINARI (6)
		(3) Hideaki MIURA (7)
		(4) Tetsuro MIZUSHIMA (8)
(9)	Insert Name of	In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to
	Assignee (9) Insert Address of	(9) TDK Corporation
(10)		(10) 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 103-8272, Japan
(11)	Insert	(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as Holographic recording method, holographic recording apparatus, (11) holographic memory reproducing method, holographic memory reproducing
	Identification such as Title, Case	apparatus, holographic recording and reproducing apparatus, and holographic recording medium
	Number, or Foreign Application Number	(Attorney Docket No. 127868)
		for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or
(12)	Insert Date of Signing of Application	(12) on

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

May 1, 2006

- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification that 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.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

(13) U.S. application Serial Number

filed

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Date	MARCH 10, 2006	Inventor Signature	Jahnya Juhagoshi (Takuva TSUKAGOSHI) (SEA	T)
Date	APRIL 11, 2006	Inventor Signature	Liro Yoshinari (Jiro YOSHINARI) (SEA	L)
Date	APRTI. 11, 2006	Inventor Signature	Kideaki Miura (Hideaki MIURA) (SEA	L)
Date	FEBRUARY 28, 2006		Detsuro higushim (Tetsuro MIZUSHIMA) (SEA	
Date		Inventor Signature	(SEA	L)
Date		Inventor Signature	(SEA	L)
Date		Inventor Signature	(SEA	L)
Date		Inventor Signature	(SEA	3.5

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(13)

Alternative Identification for

filed applications