FORM PTO-1595 (modified) RE 09-30-15	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office			
OMB No. 0651-0011 (exp. 4/94)				
To the Honorable Commissioner of Patents a 1011588	67 d original documents or copy thereof.			
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):			
Toshiaki IWANAGA  MRD9-17-99	Name: <u>NEC CORPORATION</u> Internal Address:			
Additional name(s) of conveying party(ies) attached? No	Street Address: <u>7-1, Shiba 5-chome, Minato-ku</u>			
3. Nature of conveyance:				
XX Assignment _ Merger _ Security Agreement _ Change of Name _ Other	City: <u>Tokyo,</u> State: <u>Japan</u> ZIP:			
Execution Date: September 16, 1999	Additional name(s) & address(es) attached? No			
4. Application number(s) or patent number(s):  If this document is being filed together with a new application, 16,1 999	tion, the execution date of the application is: <u>September</u>			
A. Patent Application No.(s)	B. Patent No.(s)			
28/1999 PALLEN 00000080 09398204				
C:581 40.00 pp Additional numbers	attached? No			
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: $\underline{1}$			
Name: David A. Blumenthal	7. Total fee (37 C.F.R. § 3.41) \$40.00			
Internal Address: <u>FOLEY &amp; LARDNER</u>	XX Enclosed			
Street Address: 3000 K Street, N.W., Suite 500	_ Authorized to be charged to deposit account			
City: Washington, State: D.C. ZIP: 20007-5109	8. Deposit account number: 19-0741			
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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.    hill   J. A-fice   Mullip   M				
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**PATENT REEL: 010269 FRAME: 0153** 

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## **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 address of assignee

NEC Corporation,

7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan (hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of invention OPTICAL DISK AND OPTICAL DISK DEVICE

as set forth in this United States Patent Application

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	executed	on		

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in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Petent 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 Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenents 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 parform 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:

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.

NAMES AND SIGNATURES OF INVENTORS					
Name: Toshiaki IWANAGA	Signature: Joshiaki Lwanaga F	Date: 1:6/09/99			
Name;	Signature:	Date:			
Name:	Signaturs:	Date:			
Name:	Signature:	Date:			
NAMES AND SIGNATURES OF WITNESSES					
Name: Fumitake Watanabe	Signature. Frimitako Watarala	Date: 16/09/99			
Name: Akira Muto	Signature:	Date: 16/09/99			

Note: Prime facial evidence of execution may optionally be obtained by execution of this occument before a U.S. Consul or before a local officer authorized to administer paths whose authority is proved by a cartificate from a U.S. Consul-

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