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3. Nature of Conveyance:

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☐ Yes ☒ NoExecution Date: October 13, 1998

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/169,982

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.
Attorneys at Law
Fourth Floor
1755 Jefferson Davis Highway
Arlington, Virginia 22202

6. Total number of applications and patents involved:

17. Total fee (37 CFR 3.41):\$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account8. Deposit account number: 15-0030

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PATENT
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A S S I G N M E N T

In consideration of value received, I, having a post office address at c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan and a residence as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

OPTICAL DISK APPARATUS

said application having been filed on October 13, 1998
and assigned Serial No. 09/169,982 :
sell and assign to
KABUSHIKI KAISHA TOSHIBA
a corporation of Japan, having a business address at
72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, Japan

its successors, assigns or nominees, hereinafter referred to as
"Assignee", my entire right, title and interest in and to said invention
as disclosed, shown and described in said application for United States
patent: (check one)

 X executed concurrently herewith;

 executed separately herefrom;

and in and to all applications for patent and patents for said invention,
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Jefferson Davis Highway, Arlington, Virginia 22202

ASSIGNMENT

98S0670

Inventor: (Signature)

Date

Residence

Kazuo Fujiura

October 13, 1998

Tokyo, Japan

Kazuo Fujiura

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After recording please return to:
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