



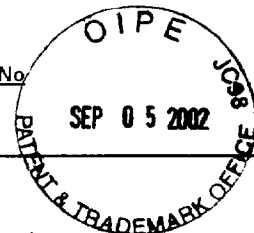
To the Honorable Assistant Secretary and C
or copy(ies) thereof.

102218177

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1. Name of conveying party(ies):
Shigeaki FURUKAWA; Kenichi NISHIUCHI;
Tetsuya AKIYAMA; and Kenji NARUMI *190502*
Additional name(s) of conveying party(ies) attached? No

2. Name and address of receiving party(ies):
Name: Matsushita Electric Industrial Co., Ltd.
Street Address: 1006, Oaza Kadoma, Kadoma-shi,
Osaka 571-8501 Japan
Additional name(s) & address(es) attached? No



3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
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Execution Date: August 6, 2002

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)
10/148,797
Additional numbers attached? No

B. Patent No.(s)
, issued

5. Name and address of party to whom correspondence
concerning document should be mailed:
Name: WENDEROTH, LIND & PONACK, L.L.P.
Attn: Michael S. Huppert, Esq.
Street Address: 2033 K Street, N.W., Suite 800
City: Washington, State: DC ZIP: 20006-1021

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41). \$40.00
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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.
Michael S. Huppert, Reg. No. 40,268 *Michael Huppert* September 5, 2002
Name of Person Signing Signature Date
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09/10/2002 TDIAZ1 00000070 10148797
01 FC:581 40.00 DP

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Shigeaki FURUKAWA, Kenichi NISHIUCHI, Tetsuya AKIYAMA and Kenji NARUMI

Insert Name(s)
of Inventor(s)

Insert Name(s)
of Assignee(s)

Address

the undersigned hereby sell(s) and assign(s) to

Matsushita Electric Industrial Co., Ltd.

of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

OPTICAL RECORDING MEDIUM, RECORDING METHOD OF OPTICAL RECORDING

Title of
Invention

MEDIUM, AND RECORDING APPARATUS OF OPTICAL RECORDING MEDIUM

for which an application for patent in the United States has been executed by the undersigned on

Date of Signing
Application

August 6, 2002

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) 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.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, DC 20006, 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 Office for recordation of this document.

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

Date August 6, 2002, Name of Inventor Shigeaki Furukawa
 Shigeaki FURUKAWA

Date August 6, 2002, Name of Inventor Kenichi Nishituchi
 Kenichi NISHITUCHI

Date August 6, 2002, Name of Inventor Tetsuya Akiyama
 Tetsuya AKIYAMA

Date August 6, 2002, Name of Inventor Kenji Narumi
 Kenji NARUMI

Date _____, Name of Inventor _____

Date _____, Name of Inventor _____

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Nagayasu Mizogajama, Aug. 6, 2002

Witness S. Sakurai

ACKNOWLEDGMENT

 _____ } SS

This _____ day of _____, 19_____, before me
 personally came the above-named _____

to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL

 Official Signature

 Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. 10/148,797 Filing Date June 5, 2002

Applicant Reference No. 535774 Atty. Docket No. 2002_0747A

Title of Invention OPTICAL RECORDING MEDIUM, RECORDING METHOD OF OPTICAL RECORDING MEDIUM, AND RECORDING APPARATUS OF OPTICAL RECORDING MEDIUM