

03-27-2003

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YAMAP0865US

OMB No. 0651-011 (exp.4/94)

3-19-03



To the Honorable Commissioner of Patents

102401349

Attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Mamoru Shoji; Takashi Ishida; Motoshi Ito;  
Hiroshi Ueda; Yoshikazu Yamamoto;  
Atsushi Nakamura

Additional name(s) of conveying

party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment ☐ Merger☐ Security Agreement ☐ Change of Name☐ Other \_\_\_\_\_

Execution Date: January 22, 2003

## 2. Name and address of receiving party(ies):

Name: Matsushita Electric Industrial Co., Ltd.

Internal Address: \_\_\_\_\_

Street Address: 1006, Oaza Kadoma, Kadoma-shi

City: Osaka

State/Country: Japan ZIP: 571-8501

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 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)

10/348,027

B. Patent No.(s)

Additional Numbers attached? ☐ Yes ☒ No5. Name and address of party to whom  
correspondence concerning document  
should be mailed:

Name: Neil A. DuChes

Internal Address: Renner, Otto, Boisselle &amp; Sklar

Street Address: 1621 Euclid Avenue

19th Floor

City: Cleveland

State: Ohio ZIP: 44115

6. Total number of applications and patents involved: ☒ 1

7. Total fee (37 CFR 3.41) .....\$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account

## 8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

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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.

Neil A. DuChes

Name of Person Signing

Signature

Date

Reg. No. 26,725 Total number of pages including cover sheet attachments, and document: ☒ 3

Mail documents to be recorded with required cover sheet information to:

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03/24/2003 TELETYPE 00000048 10348027

05 FC:8021

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PATENT  
REEL: 013877 FRAME: 0194

## ASSIGNMENT

WHEREAS, the ASSIGNOR(S), being the following named inventors(s):

1. Mamoru SHOJI;  
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3. Motoshi ITO;  
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4. Hiroshi UEDA;  
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Nara 639-0223 Japan
5. Yoshikazu YAMAMOTO;  
2-8-12-705, Katamachi, Miyakojima-ku, Osaka-shi,  
Osaka 532-0022 Japan
6. Atsushi NAKAMURA;  
2-7-27-1107, Satanakamachi, Moriguchi-shi,  
Osaka 570-0002 Japan

are inventor(s) of and owner(s) of rights to a certain invention entitled:

INFORMATION RECORDING MEDIUM, RECORDING APPARATUS,  
REPRODUCTION APPARATUS, RECORDING METHOD, AND  
REPRODUCTION METHOD

for which application for Letters Patent of the United States was executed on the date indicated below, and

WHEREAS, the ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.  
1006, Oaza Kadoma, Kadoma-shi  
Osaka 571-8501 Japan

is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division,

renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement, charge or other encumbrance has been or will be entered into which would conflict with this assignment and sale.

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or his legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Signed:

Mamoru Shoji

Mamoru SHOJI

Takashi Ishida

Takashi ISHIDA

Motoshi Ito

Motoshi ITO

Hiroshi Ueda

Hiroshi UEDA

Yoshikazu Yamamoto

Yoshikazu YAMAMOTO

Atsushi Nakamura

Atsushi NAKAMURA

Date:

22/01/2003

22/01/2003

22/01/2003

22/01/2003

22/01/2003

22/01/2003