

03-26-2004

To the Honorable Director of Patents and Trademarks or copy thereof.

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

GUSHIMA, Toyoji  
USUI, Makoto  
TAKAGI, Yuji  
HASHIMOTO, YuichiAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

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

Execution Date: February 12, 2004

Name: Matsushita Electric Industrial Co., Ltd.

Internal Address:

Street Address: 1006, Oaza Kadoma, Kadoma-shi,

Osaka 571-8501 Japan

City: State: ZIP:

Additional name(s) and 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)

10/702,618

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

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

Name: Bruce H. Bernstein

Internal Address: P24532

Street Address: GREENBLUM &amp; BERNSTEIN, P.L.C.

1950 Roland Clarke Place

City: Reston State: VA ZIP: 20191

## 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:

19-0089

(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.

Bruce H. Bernstein, Reg. No. 29,027

Name of Person Signing

Signature

Date

03/25/2004 ECDOPER 00000061 10702618

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Total number of pages including cover sheet, attachments and document: 4

40.00 OP

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

Director of the United States Patent and Trademark office, Mail Stop Assignments  
PO Box 1450 Alexandria, Virginia 22313-1450PATENT  
REEL: 015125 FRAME: 0268

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ASSIGNMENT

WHEREAS, **Toyoji Gushima**, a citizen of Japan, whose post office address is 3-5-10, Takawashi, Habikino-shi, Osaka 583-0082 Japan, and **Makoto Usui**, a citizen of Japan, whose post office address is 4-9-17-209, Shigino-nishi, Joto-ku, Osaka-shi, Osaka 536-0014 Japan, **Yuji Takagi**, a citizen of Japan, whose post office address is 29-1-309, Deguchi 2-chome, Hirakata-shi, Osaka 573-0065 Japan, **Yuichi Hashimoto**, a citizen of Japan, whose post office address is 1-4-54-1409, Takami, Konohana-ku, Osaka-shi, Osaka 554-0001 Japan, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

**PLAYBACK METHOD, PLAYBACK CONTROL CIRCUIT AND PLAYBACK  
APPARATUS FOR A RECORDING MEDIUM**

for which they have jointly executed an application for Letters Patent for the United States which was filed in the United States Patent and Trademark Office on November 7, 2003.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the attorneys of record in this application including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, James L. Rowland, Reg. No. 32,674, Stephen M. Roylance, Reg. No. 31,296, Leslie J. Paperner, Reg. No. 33,329, William Pieprz, Reg. No. 33,630, Robert W. Mueller, Reg. No. 35,043 and William E. Lyddane, Reg. No. 41,568, of the firm Greenblum & Bernstein, P.L.C., whose address is 1950 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No. 10/702,618, filed November 7, 2003.) the filing date and application number of said application when known.

AND WHEREAS, **Matsushita Electric Industrial Co., Ltd.**, a corporation organized and existing under the laws of Japan, whose post-office address is 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any

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ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed on the date(s) indicated below.

First Witness:

(Name) Takashi Yumiba  
(Date) Takashi YUMIBA  
February 12, 2004

Second Witness:

Hiroyuki Takemura  
(Name) Hiroyuki TAKEMURA  
(Date) February 12, 2004

First Witness:

(Name) Takashi Yumiba  
(Date) Takashi YUMIBA  
February 12, 2004

Second Witness:

Hiroyuki Takemura  
(Name) Hiroyuki TAKEMURA  
(Date) February 12, 2004

Toyoji Gushima February 12, 2004  
Toyoji Gushima Date

Makoto Usui February 12, 2004  
Makoto Usui Date

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(Date) Takashi YUMIBA  
February, 12, 2004

Second Witness:

Hiroyuki Takemura  
(Name) Hiroyuki TAKEMURA

(Date) February 12, 2004

Yuji Takagi February 12, 2004  
Yuji Takagi Date

Yuichi Hashimoto February 12, 2004  
Yuichi Hashimoto Date