

10-10-2003



FORM PTO-1595

REC

(Rev. 10/02)

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 65933-047

10-2-03

102572795
PATENTS ONLY

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies):

Yuichi KANAI, Yoshihiro HORI, Ryoji OHNO, Takeo OHISHI,
Kenichiro TADA, Tatsuya HIRAI and Jun KAMADAAdditional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of Conveyance:

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

Execution Date: September 23, September 23, September 25,
 September 23, September 24, September 25 and
 September 24, 2003 (respectively)

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

Name: SANYO ELECTRIC CO., LTD.
 Address: 5-5, Keihanhondori 2-chome
 Moriguchi-shi
 Osaka 570-8677 JAPAN

Name: SHARP CORPORATION
 Address: 22-22 Nagaike-cho
 Abeno-ku
 Osaka 545-8522 JAPAN

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

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

10675994

If the document is being filed together with a new application, the execution date of the application is: September 23, September 23, September 25, September 23, September 24, September 25 and September 24, 2003 (respectively)

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? ☐ Yes ☐ No

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

Name: MCDERMOTT, WILL & EMERY

Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington State: D. C. Zip: 20005-3096

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:
 500417

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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.

Arthur J. Steiner, 26,106

October 2, 2003

Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1 of 3

OMB No. 0651-0027 (exp. 6/30/2005)

WDC99 820212-1.065933.0047

PATENT
 REEL: 014570 FRAME: 0973

Docket No.: 65933-047

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September 23, September 24, September 25 and
September 24, 2003 (respectively)

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

Name: VICTOR COMPANY OF JAPAN, LIMITED
Address: 12, Moriya-cho 3-chome
Kanagawa-ku
Yokohama 221-852 JAPANName: PIONEER CORPORATION
Address: 4-1, Meguro 1-chome
Meguro-ku
Tokyo 153-8654 JAPANAdditional name(s) & address(es) attached? ☐ Yes ☐ No

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17497 U.S.P.T.O.
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100203

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

Name: HITACHI, LTD.

Address: 6, Kanda-Surugadai 4-chome
Chiyoda-ku
Tokyo 101-8010 JAPAN

Name: FUJITSU LIMITED

Address: 1-1, Kamikodanaka 4-chome
Nakahara-ku, Kawasaki-shi
Kanagawa 211-8588 JAPANAdditional name(s) & address(es) attached? ☐ Yes ☐ No

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- | | |
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| (3) <u>Ryoji OHNO</u> | (7) <u>Jun KAMADA</u> |
| (4) <u>Takeo OHISHI</u> | (8) _____ |

who have made a certain new and useful invention, hereby sell, assign and transfer unto

- | | |
|-----|--|
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| (2) | <u>Sharp Corporation of 22-22 Nagaike-cho, Abeno-ku, Osaka Japan</u> |
| (3) | <u>VICTOR COMPANY OF JAPAN, LIMITED of 12, Moriya-cho 3-chome, Kanagawa-ku, Yokohama Japan</u> |
| (4) | <u>PIONEER CORPORATION of 4-1, Meguro 1-chome, Meguro-ku, Tokyo Japan</u> |
| (5) | <u>Hitachi, Ltd. of 6, Kanda-Surugadai 4-chome, Chiyoda-ku, Tokyo Japan</u> |
| (6) | <u>FUJITSU LIMITED of 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa Japan</u> |

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

**METHOD AND APPARATUS FOR CONTROLLING THE RECORDING OF
DIGITAL INFORMATION, AND RECORDING MEDIUM THEREFOR**

- (a) for which an application for United States Letters Patent was filed on _____ and identified by United States Serial No. _____ ; or
(b) for which an application for United States Letters Patent was executed on , _____

and the undersigned hereby authorize and request the United States Commissioner for Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS

DATE SIGNED

- | | | |
|----|-------------------------------|----------------------|
| 1) | <u><i>Yuichi Kanai</i></u> | <u>23 / 9 / 2003</u> |
| | Name: Yuichi KANAI | |
| 2) | <u><i>Yoshihiro Horii</i></u> | <u>23 / 9 / 2003</u> |
| | Name: Yoshihiro HORI | |
| 3) | <u></u> | <u></u> |
| | Name: Ryoji OHNO | |
| 4) | <u></u> | <u></u> |
| | Name: Takeo OHISHI | |
| 5) | <u></u> | <u></u> |
| | Name: Kenichiro TADA | |
| 6) | <u></u> | <u></u> |
| | Name: Tatsuya HIRAI | |
| 7) | <u></u> | <u></u> |
| | Name: Jun KAMADA | |

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(3) <u>Ryoji OHNO</u>	(7) <u>Jun KAMADA</u>
(4) <u>Takeo OHISHI</u>	(8) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

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(2)	<u>Sharp Corporation of 22-22 Nagaike-cho, Abeno-ku, Osaka Japan</u>
(3)	<u>VICTOR COMPANY OF JAPAN, LIMITED of 12, Moriya-cho 3-chome, Kanagawa-ku, Yokohama Japan</u>
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SIGNED on the dates indicated aside our signatures:

INVENTORS

DATE SIGNED

- 1) _____
Name: Yuichi KANAI
- 2) _____
Name: Yoshihiro HORI
- 3) 大野 良治 _____
Name: Ryoji OHNO 2003/9/25
- 4) _____
Name: Takeo OHISHI
- 5) _____
Name: Kenichiro TADA
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Name: Tatsuya HIRAI
- 7) _____
Name: Jun KAMADA

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INVENTORS

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- 1) _____
Name: Yuichi KANAI
- 2) _____
Name: Yoshihiro HORI
- 3) _____
Name: Ryoji OHNO
- 4) Takeo Ohishi _____ Sep. 23, 2003
Name: Takeo OHISHI
- 5) _____
Name: Kenichiro TADA
- 6) _____
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Name: Ryoji OHNO
- 4) _____
Name: Takeo OHISHI
- 5) Kenichiro Tada 9.24.2003
Name: Kenichiro TADA
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- 7) Jun Kamada _____
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Sep. 24, 2003