

05-02-2003

Q73236

Form PTO-1595 (modified)
(Rev. 03/01)
OMB No. 0651-0027

RECORI



102437561

U.S. DEPARTMENT OF COMMERCE
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Isao MATUMOTO
Hironori KOBAYASHI
Norifumi NISHIDA
Makoto FUKUYA
Naoya SHIBATA
Tetsuya NATORI



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

PIONEER CORPORATION
4-1, Meguro 1-chome,
Meguro-ku, Tokyo, Japan

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other Record to correct Assignee's Address, previously recorded at Frame 013545, Reel 0242

Execution Date: December 3, 2002

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)
10/308,008

B. Patent No.(s)
Not yet assigned

Additional numbers attached? Yes No

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

SUGHRUE MION, PLLC

WASHINGTON OFFICE



23373

PATENT TRADEMARK OFFICE

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 No. 19-4880.

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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.

Darryl Mexic

Reg. No. 23,063

April 25, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 8

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

Commissioner of Patents & Trademarks
Box Assignment
Washington, D.C. 20231

05/01/2003 LNUELLER 00000165 10300000

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46.00 0P

PATENT
REEL: 014023 FRAME: 0388

12-09-2002

Q73236

Form PTO-1595 (modified)
(Rev. 03/01)
OMB No. 0651-0027



IEET

U.S. DEPARTMENT OF COMMERCE
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

12-3-02

1. Name of conveying party(ies):
Isao MATUMOTO
Hironori KOBAYASHI
Norifumi NISHIDA
Makoto FUKUYA
Naoya SHIBATA
Tetsuya NATORI
Kouji MAEDA

2. Name and address of receiving party(ies):
PIONEER CORPORATION
4-1, Megru 1-chome,
Meguro-ku, Tokyo,
Japan

Jc979 U.S. PTO
10/308008



12/03/02

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: November 14, 2002, November 6, 2002;
November 6, 2002, November 14, 2002; November 15,
2002, November 6, 2002, November 15, 2002

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

4. Application number(s) or patent number(s): **10 / 308008**
If this document is being filed together with a new application, the execution date of the application is: November 6, 2002;
November 14, 2002; November 15, 2002

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:

SUGHRUE MION, PLLC

WASHINGTON OFFICE



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PATENT TRADEMARK OFFICE

6. Total number of applications and patents involved:
1

7. Total fee (37 CFR 3.41): \$40.00
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8. Deposit Account Number:
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12/05/2002 TDIAZ1 00000078 10308008
01 EC:8021 40.00 DP

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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.

Darryl Mexic Reg. No. 23,063 December 3, 2002 Date

Total number of pages including cover sheet, attachments, and documents: 2
Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks
Box Assignment
Washington, D.C. 20231

ASSIGNMENT

Whereas, I/we Isao MATUMOTO, Hironori KOBAYASHI, Norifumi NISHIDA and Makoto FUKUYA all of Saitama, Japan Naoya SHIBATA, Tetsuya NATORI and Kouji MAEDA all of Tokyo, Japan hereinafter called assignor(s), have invented certain improvements in

ELECTRONIC EQUIPMENT CONTROL SYSTEM AND CONTROL METHOD

and executed an application for Letters Patent of the United States of America therefor on

November 6, 2002, November 14, 2002, ; and

and November 15, 2002

Whereas, PIONEER CORPORATION of

4-1, Meguro 1-chome, Meguro-ku, Tokyo, Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. § 119, and I/we request the Director - U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number _____, filed _____) the filing date and application number of said application when known.

Date: 14/Nov/2002 si Isao Matumoto
Isao MATUMOTO

Date: 06/Nov/2002 si Hironori Kobayashi
Hironori KOBAYASHI

Date: 06/Nov/2002 si Norifumi NISHIDA
Norifumi NISHIDA

Date: 14/NOV/2002 si Makoto FUKUYA
Makoto FUKUYA

Date: 15/NOV/2002 si Naoya SHIBATA
Naoya SHIBATA

Date: ~~15/NOV/2002~~ si TETSUYA NATORI
Tetsuya NATORI

Date: 15/NOV/2002 si Kouji MAEDA
Kouji MAEDA

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

ASSIGNMENT

Whereas, I/we Isao MATUMOTO, Hironori KOBAYASHI, Norifumi NISHIDA and Makoto FUKUYA all of Saitama, Japan Naoya SHIBATA, Tetsuya NATORI and Kouji MAEDA all of Tokyo, Japan hereinafter called assignor(s), have invented certain improvements in

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and executed an application for Letters Patent of the United States of America therefor on

November 6, 2002, November 14, 2002, ; and
and November 15, 2002

Whereas, PIONEER CORPORATION of
4-1, Meguro 1-chome, Meguro-ku, Tokyo, Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. § 119, and I/we request the Director - U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number _____, filed _____) the filing date and application number of said application when known.

Date: 14/Nov/2002 si Isao Matumoto
Isao MATUMOTO

Date: 06/Nov/2002 si Hironori Kobayashi
Hironori KOBAYASHI

Date: 06/Nov/2002 si Norifumi NISHIDA
Norifumi NISHIDA

Date: 14/Nov/2002 si Makoto FUKUYA
Makoto FUKUYA

Date: 15/Nov/2002 si Naoya SHIBATA
Naoya SHIBATA

Date: ~~15/Nov/2002~~ si TETSUYA NATORI
Tetsuya NATORI

Date: 15/Nov/2002 si Kouji MAEDA
Kouji MAEDA

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §201)



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q73236

Isao MATUMOTO, et al.

Appln. No.: 10/308,008

Group Art Unit: 2632

Confirmation No.: 1951

Examiner: Not assigned yet

Filed: December 03, 2002

For: ELECTRONIC EQUIPMENT CONTROL SYSTEM AND CONTROL METHOD

**REQUEST FOR CORRECTED NOTICE OF RECORDATION OF
ASSIGNMENT DOCUMENT**

U.S. Patent and Trademark Office
Assignment Division
BOX ASSIGNMENT
North Tower Building, Suite 10C35
Washington, D.C. 20231

Sir:

We enclose copies of the NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT and Assignment which were recorded in the Patent Office at Reel 013545, Frame 0242, and request correction as follows:

ASSIGNEE: Please replace **4-1, [MEGRU] 1-CHOME** with **4-1, MEGURO 1-CHOME**.

Since the need for correction was caused by our office, a check in the amount of \$40.00, along with a new PTO-1595 form is attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

Darryl Mexic
Registration No. 23,063

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860



23373

PATENT TRADEMARK OFFICE
Date: April 25, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q73236

Isao MATUMOTO, et al.

Appln. No.: 10/308,008

Group Art Unit: 2632

Confirmation No.: 1951

Examiner: Not assigned yet

Filed: December 03, 2002

For: ELECTRONIC EQUIPMENT CONTROL SYSTEM AND CONTROL METHOD

**REQUEST FOR CORRECTED NOTICE OF RECORDATION OF
ASSIGNMENT DOCUMENT**

U.S. Patent and Trademark Office

Assignment Division

BOX ASSIGNMENT

North Tower Building, Suite 10C35

Washington, D.C. 20231

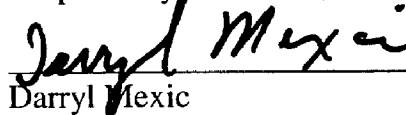
Sir:

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ASSIGNEE: Please replace 4-1, [MEGRU] 1-CHOME with 4-1, MEGURO 1-CHOME.

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Respectfully submitted,



Darryl Mexic

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WASHINGTON OFFICE



23373

PATENT TRADEMARK OFFICE

Date: April 25, 2003



UNITED STATES
PATENT AND
TRADEMARK OFFICE

APRIL 07, 2003

PTAS

Chief Information Officer
Washington, DC 20231
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SUGHRUE MION, PLLC
DARRYL MEXIC
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102304507A

UNITED STATES PATENT AND TRADEMARK OFFICE
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RECORDATION DATE: 12/03/2002✓

REEL/FRAME: 013545/0242
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MATUMOTO, ISAO✓

DOC DATE: 11/14/2002

ASSIGNOR:

KOBAYASHI, HIRONORI✓

DOC DATE: 11/06/2002

ASSIGNOR:

NISHIDA, NORIFUMI✓

DOC DATE: 11/06/2002

ASSIGNOR:

FUKUYA, MAKOTO✓

DOC DATE: 11/14/2002

ASSIGNOR:

SHIBATA, NAOYA✓

DOC DATE: 11/15/2002

ASSIGNOR:

NATORI, TETSUYA✓

DOC DATE: 11/06/2002

ASSIGNOR:

MAEDA, KOUJI✓

DOC DATE: 11/15/2002

PATENT
REEL: 014023 FRAME: 0394

ASSIGNEE:

PIONEER CORPORATION
4-1, [MEGRU] 1-CHOME
MEGURO-KU → MEGURO
TOKYO, JAPAN

SERIAL NUMBER: 10308008
PATENT NUMBER:

FILING DATE: 12/03/2002
ISSUE DATE:

SHARON LATIMER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS