

Attorney Docket No. 020831

03-21-2003

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Reel # 013358 Frame # 0738

Conveyance type:

☒ Assignment

☐ Security Agreement

☐ License

☐ Change of name

☐ Merger

☐ Other _____

Conveying Party (ies):

(Last, First, Middle Initial)

Execution Date

First party

Name:

MORIKAWA, Shigekazu

June 14, 2002

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

Receiving Party (ies):

First party

Name:

SANYO ELECTRIC CO., LTD.

Address:

5-5, Keihan-hondori 2-chome,
Moriguchi-shi, Osaka, Japan

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

Domestic Representative Name and Address



Armstrong, Westerman & Hattori, LLP

23850

Suite 1000, 1725 K Street

PATENT TRADEMARK OFFICE

Washington, D.C. 20006

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PATENT
REEL: 013857 FRAME: 0813

Correspondent Name and Address

Telephone: 202-659-2930

ARMSTRONG, WESTERMAN & HATTORI, LLP
1725 K Street, N.W., Suite 1000
Washington, D.C. 20006

Pages Enter the total number of pages of the attached conveyance document: 4
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Application Number(s) or Patent Number(s) Additional numbers attached? Yes ☐ No ☒ XX

A. Patent Application No.(s)

B. Patent No.(s)

10/177,121

##

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: _____
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Patent Cooperation Treaty (PCT)Enter PCT application number only if

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PCT _____

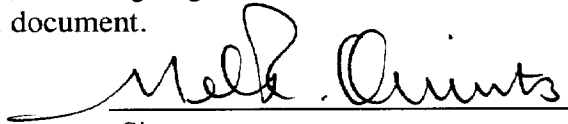
Number of Properties Enter the total number of properties involved: 1

Fee AmountFee Amount for Properties Listed (37 CFR 3.41). **\$40.00**XX Enclosed☐ Authorized to be charged to Deposit Account No.: 01-2340**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.

Mel R. Quintos

Name of Person Signing



Signature

March 14, 2003

Date

31,898

Registration No.

Attorney Docket No. 020831

10-10-2002

DEPARTMENT OF COMMERCE
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Reel # 013032 Frame # 0218

Conveyance type: ☒ Assignment ☐ Security Agreement
☐ License ☐ Change of name
☐ Merger ☐ Other _____

Conveying Party (ies): (Last, First, Middle Initial) Execution Date

First party Name: MORIKAWA, Shigekazu June 14, 2002

Second party Name:

Third party Name:

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

Receiving Party (ies):

First party Name: SANYO ELECTRIC CO.,LTD.
Address: 5-5, Keihan-hondori 2-chome,
Moriguchi-shi, Osaka, ~~507-8671~~ Japan

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

Domestic Representative Name and Address



Armstrong, Westerman & Hattori, LLP

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Washington, D.C. 20006
(202) 659-2930

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Correspondent Name and Address

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1725 K Street, N.W., Suite 1000
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Telephone: 202-659-2930

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10/177,121

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If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: _____
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PCT _____

PCT _____

PCT _____

Number of Properties Enter the total number of properties involved: 1

Fee Amount

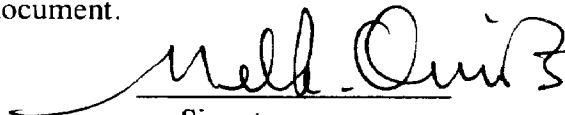
Fee Amount for Properties Listed (37 CFR 3.41). \$40.00

XX Enclosed☐ Authorized to be charged to Deposit Account No.: 01-2340**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.

Mel R. Quintos

Name of Person Signing



Signature

October 4, 2002

Date

31,898

Registration No.

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by
SANYO ELECTRIC CO., LTD.

(Insert ASSIGNEE's
Name(s) Address(es))

5 - 5, Keihanondori 2 - chome, Moriguchi - shi, Osaka, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned
ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title
and interest to the invention entitled

(Title of Invention)

A PLURALITY OF DEVICES CONTROL SYSTEM

(*If the assignment is
being filed after the
filing of the
application, this
section must be
completed)

for which application for Letters Patent of the United States was executed on even date herewith
unless otherwise indicated below:

filed on _____, Serial No. _____.

(Armstrong, Westerman & Hattori, LLP is hereby authorized to insert the series code, serial
number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any
continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for
which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and
any continuation, divisional, reissue or reexamination applications thereof and also to execute
separate assignments in connection with such applications as the ASSIGNEE may deem necessary
or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference,
litigation, or other legal proceeding which may be declared concerning this application or any
continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued
thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing
evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their
signature(s).

(Signatures)

Shigekazu Morikawa
(Signature)

Shigekazu Morikawa
(Type Name)

2002, June, 14
(Date)

(Signature)

(Type Name)

(Date)

(Signature)

(Type Name)

(Date)

(Signature)

(Type Name)

(Date)

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