

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignees address previously recorded on Reel 016067 Frame 0059. Assignor(s) hereby confirms the address should appear as: 5-5, Keihan-Hondori 2-Chome, Moriguchi-shi, Osaka, Japan.

CONVEYING PARTY DATA

Name	Execution Date
Kazuaki OKAMOTO	08/04/2004
Hideo HIRONO	08/04/2004

RECEIVING PARTY DATA

Name:	SANYO ELECTRIC CO., LTD.
Street Address:	5-5, KEIHAN-HONDORI 2-CHOME, MORIGUCHI-SHI,
City:	OSAKA
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11003982

CORRESPONDENCE DATA

Fax Number: (202)756-8087
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 202-756-8673
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 Address Line 1: 600 13th Street, NW
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ATTORNEY DOCKET NUMBER:	065933-0106
NAME OF SUBMITTER:	Arthur J. Steiner

Total Attachments: 4
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12-15-2004



FORM PTO-1595
(Rev. 10/02)

RECORD

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 65933-106 12-06-04 PATENTS ONLY

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

1. Name of Conveying Party(ies):
Kazuaki OKAMOTO, Hideo HIRONO
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: **SANYO ELECTRIC CO., LTD.**
Address: **5-5, Keihan Hondori 2-chome,**

Osaka, JAPAN

22154 U.S. PTO
11/003982



3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: **August 4, 2004, August 4, 2004**

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

4. Application number(s) or patent number(s):
If the document is being filed together with a new application, the execution date of the application is: **August 4, 2004, August 4, 2004**

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 LLP**
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

DO NOT USE THIS SPACE

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

December 6, 2004

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet: **2**

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

12/14/2004 ECOOPER 00000378 500417 11003982
01 FC:8021 40.00 DA

Docket No.:

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- (1) Kazuaki OKAMOTO (4) _____
- (2) Hideo HIRONO (5) _____
- (3) _____ (6) _____

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

Sanyo Electric Co., Ltd. of 5-5, Keihan-Hondori 2-chome, Moriguchi-shi, Osaka Japan

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

COMMUNICATION APPARATUS AND ITS APPLICATIONS

- (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>Kazuaki Okamoto</i></u> Name: Kazuaki OKAMOTO	<u>Aug. 04. 2004</u>
2) <u><i>Hideo Hirono</i></u> Name: Hideo HIRONO	<u>Aug. 4. 2004</u>
3) _____ Name: _____	_____