

5-2006



09-25-2006



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

FORM PTO-1595  
(Rev. 10/02)

Docket No.: 065933-0170

103311386

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

1. Name of Conveying Party(ies):

Atsushi WADA and Kuniyuki TANI

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

3. Nature of Conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other Corrected Assignment Transmittal Form.

Assignment recorded at R/F 016643/0434 June 1, 2005.

Execution Date: May 20, 2005 & May 20, 2005

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

Name: Sanyo Electric Co., Ltd.

Address: 5-5, Keihan-Hondori 2-chome,  
Moriguchi-shi, Osaka JAPAN

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: March 20, 2005

A. Patent Application No(s).

11/140,964; filed June 1, 2005

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

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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, Registration No. 26,106

September 20, 2006

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet:

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

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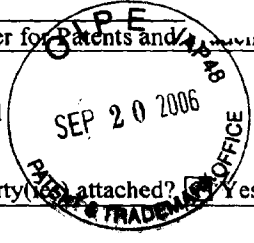


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Docket No.: 065933-0170

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

06-01-05



1. Name of Conveying Party(ies): Atsushi WADA and Kuniyuki TANI	2. Name and address of receiving party(ies): Name: Sanyo Electric Co., Ltd. Address: 5-5, Keihan-Hondori 2-chome, Moriguchi-shi, Osaka JAPAN
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other	
Execution Date: March 20, 2005	
Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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: March 20, 2005

A. Patent Application No(s).	B. Patent No(s).
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 500417
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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, Registration No. 26,106		June 1, 2005
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)

06/06/2005 ECDUPER 00000123 500417 11140964  
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) Atsushi Wada (4) \_\_\_\_\_
- (2) Kuniyuki Tani (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

**ANALOG DIGITAL CONVERTER HAVING A FUNCTION OF DYNAMIC ADJUSTMENT CORRESPONDING TO THE STATE OF THE SYSTEM**

- (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>Atsushi Wada</u> Name: Atsushi Wada	<u>2005/ May / 20th</u>
2) <u>Kuniyuki Tani</u> Name: Kuniyuki Tani	<u>2005/ May / 20th</u>
3) _____ Name: _____	_____

PATENT