

06-03-2003

AD581.40

Docket No.: 72478-3500 10332326

FORM F (Rev. 03-OMB No. PO8A/RE)



RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

PATENTS ONLY

07 JAN 2003

Tab se 102462740

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

1. Name of conveying party(ies): Yoshiharu Doi, Seigo Nakano, Takaaki Makita. Additional names(s) of conveying party(ies) [] Yes [X] No

1-7.03

2. Name and address of receiving party(ies): Name: Sanyo Electric Co., Ltd. Address: 5-5, Keihanbondori 2-chome

3. Nature of conveyance: [X] Assignment, [] Merger, [] Security Agreement, [] Change of Name, [] Other. Execution Date: 12/11/02, 12/12/02 and 12/17/02

City: Moriguchi-shi, State/Prov.: Osaka-fu, Country: JAPAN, ZIP: 570-0083. Additional name(s) & address(es) [] Yes [X] No

4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: 12/11, 12 & 17/02. Patent Application No. 01/10/2003 MKAYPACH 00000004 192814 10332326, Filing date 04 FC:8021 40.00 CH. Additional numbers [] Yes [X] No

B. Patent No.(s) 10332326. [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Joseph W. Price, Registration No. 25,126, Address: SNELL & WILMER, LLP, 1920 Main Street, Suite 1200, City: Irvine, State/Prov.: CA, Country: U.S.A., ZIP: 92614-7230

6. Total number of applications and patents involved: 1. 7. Total fee (37 CFR 3.41): \$ 40.00. [] Enclosed - Any excess or insufficiency should be credited or debited to deposit account. [X] Authorized to be charged to deposit account. 8. Deposit account number: 19-2814. (Attach duplicate copy of this page if paying by deposit account)

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. Joseph W. Price, January 7, 2003. Name of Person Signing, Signature, Date. Total number of pages including cover sheet, attachments, and 3

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments, Washington, D.C. 20231

ASSIGNMENT

WHEREAS, we, Yoshiharu DOI, Seigo NAKANO and Takaaki MAKITA

citizens of Japan, respectively, have invented certain new and useful improvements in a Calibration Apparatus, Adaptive Array Apparatus, Calibration Method, Program Recording Medium Therefor, and Program Therefor

for which we have executed application for Letters Patent of the United States, on even date herewith;

WHEREAS, SANYO ELECTRIC CO., LTD. a corporation of Japan, having a principal place of business at 5-5, Keihanhondori 2-chome, Moriguchi-shi, Osaka-fu, 570-0083, Japan is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application,

NOW, THEREFORE, in consideration of the sum of One Hundred Yen (100¥) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, Yoshiharu DOI, Seigo NAKAO and Takaaki MAKITA have sold, assigned, transferred and set over, unto said SANYO ELECTRIC CO., LTD. its successors, legal representatives and assigns, the entire right, title and interest in, to and under said improvements, and said application and all divisions, renewals and continuations thereof, and all Letters Patents of the United States, which may be granted thereon and all reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every country of the Union, and all applications for Letters Patents which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents, on applications as aforesaid, to issue all Letters Patents for said improvements to said SANYO ELECTRIC CO., LTD. its successors, legal

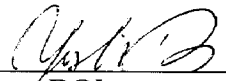
representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to said SANYO ELECTRIC CO., LTD. its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said SANYO ELECTRIC CO., LTD. its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 12th day of

December, 2002



Yoshiharu DOI

IN TESTIMONY WHEREOF, I have hereunto set my hand this 11th day of

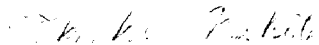
December, 2002



Seigo NAKAO

IN TESTIMONY WHEREOF, I have hereunto set my hand this 17th day of

December, 2002



Takaaki MAKITA