

05-01-2001



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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Docket No.: 0152/OJ138

101697033

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

1. Name of conveying party(ies): 47001
Seiji NAKAJIMA; Takaharu TENMA; Eiji OOHASHI
Additional name(s) of conveying party(ies) attached? Yes No

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

Execution Date: 10 April 2001

2. Name and address of receiving party(ies):
Name: Sanyo Electric Co., Ltd.
Internal Address:
Street Address: 5-5, Keihan Hondouri 2-chome
Moriguchi-shi
City: Osaka State: Japan Zip:
Additional name(s) & address(es) attached? Yes No

JC903 U.S. PTO
09/839505
04/20/01

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: 10 April 2001

A. Patent Application No.(s)

09839505

Additional numbers attached? Yes No

EXPRESS MAIL CERTIFICATE

Date: 4/20/01 Label No. 2858599866Us

B. Patent (I/We) certify that on the date indicated above, this paper or fee was deposited with the U.S. Postal Service & that it was addressed for delivery to the Assistant Commissioner for Patents, Washington, DC 20231 by "Express Mail Post Office to Addressee" service.

DBPek
Name (Print) Signature

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

Name: Darby & Darby P.C.

Internal Address: Paul Fields

Street Address: 805 Third Avenue, 27th Floor

City: New York State: New York Zip: 10022-7513

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

04-0100

(Attach duplicate copy of this page if paying by deposit account)

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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.

Paul Fields (20,298)
Name of Person Signing

Signature

April 20, 2001
Date

Total number of pages including cover sheet, attachments, and document: 4

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

PATENT
REEL: 011733 FRAME: 0479

ASSIGNMENT

Seiji Nakajima, a citizen of Japan; residing at Gunma, Japan; Takaharu Tenma, a citizen of Japan; residing at Gunma, Japan; Eiji Oohashi, a citizen of Japan; residing at Gunma, Japan;

hereinbelow called "Assignors", have made a certain invention in

COMMUNICATION CONTROL SYSTEM FOR AIR CONDITIONER

described in the specification executed by us on April 10, 2001 preparatory to applying for Letters Patent therefor; and

WHEREAS, Sanyo Electric Co., Ltd., a corporation organized and existing under and by virtue of the laws of the State of Japan, and having offices and doing business at 5-5, Keihan Hondouri 2-chome, Moriquchi-shi, Osaka, Japan and elsewhere, hereinbelow called "Assignee", is desirous of securing the entire right, title and interest in and to the said invention, application and Letters Patent, when granted, and in and to any divisions, continuations, improvements, reissues or extensions that may be made or granted thereon;

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar (\$1.00) to me in hand paid by the said Assignee, and other good and valuable consideration, the receipt of all of which is hereby acknowledged, I, the said Assignor have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over unto the said Assignee, its successors and assigns, the entire right, title and interest throughout the world in and to the said invention, application and Letters Patent, when granted, and in and to any divisions, continuations, improvements, reissues or extensions that may be made or granted on any of them;

TO HAVE AND TO HOLD the same to the full end of the term or terms for which said Letters Patent may be granted, as fully and completely as the same might be held by me had this sale and assignment not been made.

For the consideration aforesaid, I hereby covenant and agree to and with the said Assignee, its successors and assigns, that whenever its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with said application or invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of said Letters Patent is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said invention, or for the reissue or continuation or extension of the same, and will do all acts necessary or required to secure to the said Assignee, its successors, and assigns, the title to and full benefit of all rights hereby assigned, without charge to said Assignee or its successors or assigns, but at its or their expense;

AND the Commissioner of patents and Trademarks is requested to issue the said Letters Patent, when granted, in accordance with this sale and assignment.

For the consideration aforesaid, I have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto the said Assignee, its successors, and assigns, or the nominees of any of them, the entire right, title and interest in and to any and all Letters Patent for said invention, which may be granted in countries foreign to the United States, and in and to any applications for Letters Patent, which may be filed for said invention in countries foreign to the United States, and in and to the invention described in said applications; and we hereby authorize and empower said Assignee and its successors, assigns or nominees, to apply for Letters Patent or other form of protection on said invention in its own name or in the name of its successors, assigns or nominees, in any or all countries where it may desire to file such application, and where said application may be filed by another than the inventor; and we hereby covenant and agree to sign all papers and drawings, take all rightful oaths, execute all rightful affidavits, and do all acts necessary or required to be done for the procurement and maintenance of Letters Patent or other form of protection for said invention in countries foreign to the United States, and for further investing or confirming the right and title thereto in the Assignee, its successors, assigns or nominees, without charge to said Assignee, its successors, assigns or nominees, but at its or their expense.

I declare under penalty of perjury under the laws of the United States of America that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: April 10, 2001

Seiji Nakajima
Seiji Nakajima, Inventor

I declare under penalty of perjury under the laws of the United States of America that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: April 10, 2001

Takaharu Tenma
Takaharu Tenma, Inventor

I declare under penalty of perjury under the laws of the United States of

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America that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: April 10, 2001

Eiji Ohashi
Eiji Ohashi , Inventor