

04-16-2001

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Conveying Party(ies)

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Name (line 1) Michinori Watanabe

Execution Date
Month Day Year
02282001

Name (line 2)

Second Party

Name (line 1) Michihiro Suzuki

Execution Date
Month Day Year
02282001

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Sanyo Denki Co., Ltd.

Name (line 2)

Address (line 1) 15-1, 1-chome, Kitaotsuka

Address (line 2)

Address (line 3) Toshima-ku, Tokyo

Japan

City

State/Country

Zip Code

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PATENT
REEL: 011671 FRAME: 0858

Correspondent Name and Address

Area Code and Telephone Number

(216) 566-9700

Name David E. Spaw

Address (line 1) Rankin, Hill, Porter & Clark LLP

Address (line 2) 700 Huntington Building

Address (line 3) 925 Euclid Avenue

Address (line 4) Cleveland, Ohio 44115-1405

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

2

Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year
02282001

Patent Cooperation Treaty (PCT)

Enter PCT application number
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has not been assigned.

PCT PCT PCT
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Number of Properties

Enter the total number of properties involved.

1

Fee Amount

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

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Deposit Account

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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. Charges to deposit account are authorized, as indicated herein.

David E. Spaw

Name of Person Signing


Signature

March 30, 2001

Date

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CONTINUATION
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Enter additional Conveying Parties

Name (line 1) Toshiyuki Nakamura

Execution Date
Month Day Year

02282001

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

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☐ Mark if additional names of receiving parties attached

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Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

COOLING APPARATUS FOR COOLING ELECTRIC ELEMENT

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the date(s) indicated below, which application is further identified as Rankin, Hill, Porter & Clark LLP Docket No. NIS/12480.

WHEREAS, Sanyo Denki Co., Ltd., a corporation of Japan, and having a place of business at 15-1, 1-chome, Kitaotsuka, Toshima-ku, Tokyo, Japan, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Rankin, Hill, Porter & Clark LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

(1) Inventor Name (sole or joint): Michinori WATANABE

Signature: Michinori WATANABE

Today's Date: February 28, 2001

Date I Signed Declaration: February 28, 2001

Witness: Haruhisa Maruyama

Witness: J. D. I. Lumberton

(2) Inventor Name (joint): Michihiro SUZUKI

Signature: Michihiro Suzuki

Today's Date: February 28, 2001

Date I Signed Declaration: February 28, 2001

Witness: Haruhisa Maruyama

Witness: J. D. I. Lumberton

(3) Inventor Name (joint): Toshiyuki NAKAMURA

Signature: Toshiyuki Nakamura

Today's Date: February 28, 2001

Date I Signed Declaration: February 28, 2001

Witness: Haruhisa Maruyama

Witness: J. D. I. Lumberton