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To the Honorable Commissioner of Patents and Trademarks:

y thereof.

1. Name of conveying party(ies):

Hiroshi SEKIYA, Nobuo KOUMOTO, Eiji FUKUDA and  
Takashi INOUE

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: February 3, 1999

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

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:  
February 3, 1999

A. Patent Application No.(s)

EXPRESS MAIL CERTIFICATE

Date: 2/8/99 Label No. em445425417

B. Patent No.(s): 09/246,066  
I hereby certify that on the date indicated above I  
deposited this paper or use with the U.S. Postal Service  
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Additional numbers attached? ☐ Yes ☒ No

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

02/19/1999 DALEXAND 00000003 09246066

02 FCCSM: New York State: New York Zip: 10022-7513

6. Total number of applications and patents  
involved:

1

7. Total fee (37 CFR 3.41):.....\$40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number:

04-0100

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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  
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Paul Fields  
Name of Person Signing

Signature

8 February 1999  
Date

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

4

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Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

## ASSIGNMENT

Hiroshi Sekiya, a citizen of Japan; residing at Gunma, Japan; Nobuo Koumoto, a citizen of Japan; residing at Gunma, Japan; Eiji Fukuda, a citizen of Japan; residing at Gunma, Japan; Takashi Inoue, a citizen of Japan; residing at Gunma, Japan;

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

STIRLING MACHINE WITH HEAT EXCHANGER HAVING FIN STRUCTURE

February 3, 1999

described in the specification executed by us on \_\_\_\_\_ preparatory to applying for Letters Patent therefor; and

SANYO

WHEREAS, 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, Moriguchi-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 aid 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: February 3, 1999

Hiroshi Sekiya  
Hiroshi Sekiya 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: February 3, 1999

Nobuo Koumoto  
Nobuo Koumoto Inventor

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

Page 2

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

Dated: February 3, 1999

Eiji Fukuda

Eiji Fukuda, 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: February 3, 1999

Takashi Inoue

Takashi Inoue, 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: \_\_\_\_\_

\_\_\_\_\_, 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: \_\_\_\_\_

\_\_\_\_\_, 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: \_\_\_\_\_

\_\_\_\_\_, Inventor