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Attorney Docket  
No.: 8861-462US  
(P30554-01)

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

1. Name of conveying party(ies):

Takuya ISHII  
Hiroshi SAITO  
Hironori KAMIYA  
Takashi RYU

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

Matsushita Electric Industrial Co., Ltd.  
1006, Oaza Kadoma,  
Kadoma-shi, Osaka 571-8501  
JAPAN

10/427487  
05/01/03

3. Nature of conveyance:

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

Execution Date: April 22, 2003

10/427487

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: April 22, 2003

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

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

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6. Total number of applications and patents involved: [1]

7. Total fee (37 C.F.R. 3.41) Cal. 1 x \$40.00 = \$ 40.00

☒ Check enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number: 50-1017

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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.

JOHN D. SIMMONS  
Name of Person Signing

Signature

Date

May 1, 2003

Total number of pages including cover sheet, attachments and document: [5]

ASSIGNMENT  
譲渡証

下記名称の新規でかつ有用性ある改良が後記の署名者によってなされ、

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

DC-to-DC converter

(発明の名称)

それらの改良について米国特許商標庁への特許出願書が作成され、後記署名者による署名の横の該当する個所に記載された日付で宣言書が作成された。その特許出願は、下記の番号により識別されるものである。

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 dates indicated below in the appropriate spaces under the signatures of the undersigned, which application is further identified as: PRIOR FOREIGN APPLICATION(s)

外国での先行する出願

(Number) (番号) (Country) (国名)

Pat. 2002-134683 Japan

(Day/Month/Year Filed) (出願年月日)

9 May, 2002

日本国

WHEREAS, Matsushita Electric Industrial Co., Ltd.,

の法人である

a corporation of Japan of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan

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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.

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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 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 patent attorneys whom I appoint as my attorneys to prosecute the patent application in the Declaration and Power of Attorney For Patent Application executed on the even date 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:

唯一または第一発明者名	Full name of sole or first inventor Takuya ISHII
発明者の署名 日付	Inventor's signature Date <i>Takuya Ishii</i> Apr. 22, 2003
住所	Residence Suita-shi, Japan
国籍	Citizenship Japanese
郵便の宛先	Post Office Address 2-30-5, Esaka-cho, Suita-shi, Osaka 564-0063 Japan

第二共同発明者	Full name of second joint inventor, if any Hiroshi SAITO
第二共同発明者の署名 日付	Second inventor's signature Date <i>Hiroshi Saito</i> Apr. 22, 2003
住所	Residence Ota-ku, Tokyo Japan
国籍	Citizenship Japanese
郵便の宛先	Post Office Address 3-1-1-815, Higashirokugo, Ota-ku, Tokyo 144-0046 Japan

第三共同発明者	Full name of third joint inventor, if any Hironori KAMIYA
第三共同発明者の署名 日付	Third inventor's signature Date <i>Hironori Kamiya</i> Apr. 22, 2003
住所	Residence Takatsuki-shi, Japan
国籍	Citizenship Japanese
郵便の宛先	Post Office Address 1-10-6-308, Kamihamuro, Takatsuki-shi, Osaka 659-1044 Japan

(第四またはそれ以降の共同発明者に対しても同様な情報および署名を提供すること。)

(Supply similar information and signature for fourth and subsequent joint inventors.)

第四共同発明者	Full name of fourth joint inventor. if any Takashi RYU
第四共同発明者の署名 日付	Fourth inventor's signature Date <i>Takashi Ryu</i> Apr. 22, 2003
住所	Residence Kyoto-shi, Japan
国籍	Citizenship Japanese
郵便の宛先	Post Office Address 138-33, Hazukashi Shimizu-cho, Fushimi-ku, Kyoto-shi, Kyoto 612-8485 Japan

第五共同発明者	Full name of fifth joint inventor. if any
第五共同発明者の署名 日付	Fifth inventor's signature Date
住所	Residence
国籍	Citizenship
郵便の宛先	Post Office Address

第六共同発明者	Full name of sixth joint inventor. if any
第六共同発明者の署名 日付	Sixth inventor's signature Date
住所	Residence
国籍	Citizenship
郵便の宛先	Post Office Address

(第七またはそれ以降の共同発明者に対しても同様な情報および署名を提供すること。)

(Supply similar information and signature for seventh and subsequent joint inventors.)