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Please record the attached original

1. Name of conveying party(ies):

Takuya ISHII
Hiroshi SAITO

8-21-03

2. Name and address of receiving party(ies)

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

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

3. Nature of conveyance:

- Assignment Merger
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Execution Date: August 5, 2003

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4. Application Number(s) or patent number(s):

10468704

If this document is being filed together with a new application, the execution date of the application is: August 5, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

John D. Simmons
AKIN GUMP STRAUSS HAUER & FELD LLP
One Commerce Square
2005 Market Street, Suite 2200
Philadelphia, PA 19103
Direct Dial: 215-965-1268
E-mail: jsimmons@akingump.com

6. Total number of applications/patents involved: 1

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

- Check enclosed
- Authorization to charge deficient fees or credit any overpayment 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

John D. Simmons
Signature

August 21, 2003
Date

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

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02 FC:8021

40.00 DP

Equivalent to Form PTO-1595
244706 v1

PATENT
REEL: 014816 FRAME: 0438

A S S I G N M E N T

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-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)

(Day/Month/Year Filed) (出願年月日)

Pat. 2001-383407 Japan

17 December, 2001

Pat. 2002-041693 Japan

19 February, 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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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> Aug. 5, 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> Aug. 5, 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
第三共同発明者の署名 日付	Third inventor's signature Date
住所	Residence
国籍	Citizenship
郵便の宛先	Post Office Address

(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.)