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1. Name of conveying party(ies):

Takuya ISHII
Hiroshi SAITO
Kazuhiko NAGAOKA

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:

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Execution Date: March 22, 2004

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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: March 22, 2004

10811675

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
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6. Total number of applications/patents involved: 1

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

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John D. Simmons
Name of Person Signing

Signature

March 29, 2004
Date

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

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40.00 DP

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、

(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。

外国での先行する出願

外国での先の出願

(Number) (番号) (Country) (国名)

Pat. 2003-098145 Japan

日本国 _____
_____ の法人
である _____

(本譲渡証中、以下「譲受人」と称する)は、上記改良、発明及びそれらについての特許権に関する全世界的な権利、権原及び利益を取得することを希望する。

上記改良及び発明、並びにそれらについての特許、特許出願、特許権、及び発明者証に対する、米国および全世界における全ての権利、権原および利益、すなわち米国特許出願、分割および継続出願のすべて、それらに対して交付される特許のすべて、再特許および特許権延長のすべて、それらについて過去なされた特許侵害につき訴訟する権利のすべて、米国以外の国、または他の官庁、団体又は機構により交付される上記改良、発明に関する特許、および特許出願のすべてにも関して、

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

Multi-output DC-DC converter

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)

(Day/Month/Year Filed) (出願年月日)

1 April, 2003

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

それらに限定されないもの、を、ここに受領および充分なことを確認する対価と引き換えに、譲受人、その継承者および譲受人に対し、ここに譲渡し引き渡しを行う；また、署名者及びその遺言執行人、遺産管理人、および法律上の代理人に代わり署名者は、本譲渡証で包含される改良、発明、権利、所有権、特許出願、特許、特許権その他の権利および財産を譲受人、その継承者および譲受人のために確保するために必要または適当である場合、譲受人の要請により、出願書、宣誓供述書、譲渡証、その他のいかなる証書でも作成され、署名がされ、引き渡されることに合意する；また、上記のいかなる特許出願に対しても、米国特許を交付する際は、そのような特許に関するすべての権利、権原および利益を有する譲受人に対して行うよう、ここに米国特許商標局長官に要請し許可を与え、諸外国の管轄官庁に対しても、上記のいかなる特許出願に対しても特許証交付の際は、そのような特許に関するすべての権利、所有権を有する譲受人に対して行うよう、ここに認める。

本契約書の署名者は、同日付で作成された特許出願宣誓書兼委任状にて委任をした代理人に対し、本譲渡証を登録するにあたり、米国特許商標局の法規に従うために必要または適当などんな確認用の表示をも挿入する権限をここに与える。

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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> Mar. 22, 2004
住所	Residence Suita-shi, Japan
国籍	Citizenship Japanese
郵便の宛先	Post Office Address 30-5, Esaka-cho 2-chome, 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> Mar. 22, 2004
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 Kazuhiko NAGAOKA
第三共同発明者の署名 日付	Third inventor's signature Date <i>Kazuhiko Nagaoka</i> Mar. 22, 2004
住所	Residence Ibaraki-shi, Japan
国籍	Citizenship Japanese
郵便の宛先	Post Office Address 18-27, Funaki-cho, Ibaraki-shi, Osaka 567-0828 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.)