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<p>1. Name of conveying party(ies):</p> <p>Kazuyoshi HONDA (March 15, 2004) Sadayuki OKAZAKI (March 15, 2004) Kiichiro OISHI (March 17, 2004) Makoto TAKAHASHI (March 19, 2004) Yoriko TAKAI (March 15, 2004) Junichi INABA (March 25, 2004) Hiroshi HIGUCHI (March 15, 2004) Shuji ITO (March 15, 2004)</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Matsushita Electric Industrial Co., Ltd. 1006, Oaza Kadoma Kadoma-shi, Osaka 571-8501 JAPAN</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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22335 U.S. PTO
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3. Nature of conveyance:

Assignment Merger
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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 31, 2004

A. Patent Application No.(s) 10815151 B. Patent No.(s)

filed here within

Additional numbers attached? Yes No

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

Name: Douglas P. Mueller
Address: Merchant & Gould P.C.
P.O. Box 2903
Minneapolis, MN 55402-0903

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00
 Enclosed
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8. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725

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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.

Curtis B. Hamre Curtis B. Hamre March 31, 2004
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23552
PATENT TRADEMARK OFFICE

PATENT
REEL: 015179 FRAME: 0064

INSTRUCTIONS

ASSIGNMENT OF U.S. RIGHTS TO CORPORATION

WHEREAS,

Inventor(s) Name,
Address, Citizenship

1. Kazuyoshi HONDA residing at 1-5-34, Jonan-cho, Takatsuki-shi, Osaka 569-0056, JAPAN and a citizen of Japan;
2. Sadayuki OKAZAKI residing at 4-10-206, Ikuno, Katano-shi, Osaka 576-0054, JAPAN and a citizen of Japan;
3. Kiichiro OISHI residing at 37-38, Shimogamoshibamoto-cho, Sakyo-ku, Kyoto-shi, Kyoto 606-0814, JAPAN and a citizen of Japan;
4. Makoto TAKAHASHI residing at 2-26-3, Yakumokitamachi, Moriguchi-shi, Osaka 570-0008, JAPAN and a citizen of Japan;
5. Yoriko TAKAI residing at c/o Yamaguchi, 22-8, Midorigaoka 3-chome, Toyonaka-shi, Osaka 560-0002, JAPAN and a citizen of Japan;
6. Junichi INABA residing at 26-13, Higashitoyonaka-cho 1-chome, Toyonaka-shi, Osaka 560-0003, JAPAN and a citizen of Japan;
7. Hiroshi HIGUCHI residing at 1-9-17, Matsuigaoka, Kyotanabe-shi, Kyoto 610-0353, JAPAN and a citizen of Japan;
8. Shuji ITO residing at 5-11-2, Kitatomigaoka, Nara-shi, Nara 631-0001, JAPAN and a citizen of Japan;

Date Patent Declaration
Signed and Title Serial
No. and filing date (if
known)

(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States on _____ for this invention, which application is entitled

ENERGY DEVICE AND METHOD FOR PRODUCING THE SAME
and which has been given Serial Number _____ and the filing date of _____;

Name of Corporation

AND WHEREAS Matsushita Electric Industrial Co., Ltd. (herein called "ASSIGNEE"), a corporation organized under the laws of Japan, and having an office and place of business at 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, JAPAN

State or Country of
Incorporation and Address

wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for the United States in and to the invention disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges

and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Each inventor must sign & date

Kazuyoshi Honda
Signature

March 15, 2004
Date

Note: No legalization or other
Witness required

Sadayuki Itozaki
Signature

March 15, 2004
Date

Hiichiro Oishi
Signature

March 17, 2004
Date

Makoto Takahashi
Signature

March 19, 2004
Date

Yoriko Takai
Signature

March 15, 2004
Date

Junichi Inaba
Signature

March 25, 2004
Date

Hiroshi Idiguchi
Signature

March 15, 2004
Date

Shuji Ito
Signature

March 15, 2004
Date