

12-03-2002

ONLY  
D NO. 102202588



102299170

11-27-02

To the Commissioner of Patents  
1. Name of conveying

Yusai Murakami  
Tadao Kimura  
Toshiaki Nakanishi  
Toshihiro Katsuda  
Yoshiaki Kikuchi

or copy thereof.

2. Name and address of receiving party(ies)

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

and

Toyota Jidosha Kabushiki Kaisha  
1, Toyota-cho, Toyota-shi  
Aichi 471-8571  
JAPAN

*Resulm*

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

Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:

- Assignment
- Security Agreement
- Merger
- Change of Name
- Other: **DOCUMENT ID NO. 102202588**

*Please insert Toyota Jidosha Kabushiki Kaisha as the second assignee*

Execution Date: May 8, 9, 18, 21, 2001

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:

A. Patent Application No.(s)

09/802,267

B. Patent No.(s)

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



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6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$  
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Douglas P. Mueller (30,300)

Name of Person Signing

Signature

November 27, 2002

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RECOI

08-27-2002

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102202588

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1. Name of conveying party(ies):

Yusai Murakami  
Tadao Kimura  
Toshiaki Nakanishi  
Toshihiro Katsuda  
Yoshiaki Kikuchi

8-28-02

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

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

and

Toyota Jidosha Kabushiki Kaisha  
1, Toyota-cho, Toyota-shi  
Aichi 471-8571  
JAPAN

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

Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:

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- Security Agreement
- Merger
- Change of Name

Other: **REEL/FRAME: 011927/0165**  
**Please insert Toyota Jidosha Kabushiki Kaisha as the second assignee**

Execution Date: May 8, 9, 18, 21, 2001

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:

A. Patent Application No.(s)

B. Patent No.(s)

09/802,267

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  
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Signature

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<p>1. Name of conveying party(ies):</p> <p>Yusai Murakami Tadao Kimura Toshiaki Nakanishi Toshihiro Katsuda Yoshiaki Kikuchi</p> <p style="text-align: center; font-size: 2em;">6-22-01</p>	<p>2. Name and address of receiving party(ies):</p> <p>Matsushita Electric Industrial Co., Ltd. 1006-banchi Oaza-Kadoma Kadoma-shi Osaka 571-8501 Japan</p>
<p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>

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<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
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<input type="checkbox"/> Other:	

Execution Dates: May 8, 9, 18 & 21, 2001

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:

A. Patent Application No.(s)	B. Patent No.(s)
09/802,267	

Additional numbers attached?  Yes  No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Douglas P. Mueller Address: Merchant &amp; Gould PC 3200 IDS Center 80 South Eighth Street Minneapolis, Minnesota 55402</p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 3.41): \$40.00</p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725</p>
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Douglas P. Mueller		June 19, 2001
Name of Person Signing	Signature	Date

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**CERTIFICATE UNDER 37 CFR 1.8:**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231 on June 19, 2001.

Name Todd Michel

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INSTRUCTIONS

ASSIGNMENT OF U.S. RIGHTS TO CORPORATION

WHEREAS,

Inventor(s) Name,  
Address, Citizenship

1. Yusai Murakami residing at 11-22-701, Kamijima 6-chome, Hamamatsu-shi, Shizuoka 433-8122, Japan and a citizen of Japan;
2. Tadao Kimura residing at 14-9, Aoyamadai 1-chome, Tarumi-ku, Kobe-shi, Hyogo 655-0873, Japan and a citizen of Japan;
3. Toshiaki Nakanishi residing at 3-73-201, Aza-Honkouji, Minowa-cho, Toyohashi-shi, Aichi 440-0837, Japan and a citizen of Japan;
4. Toshihiro Katsuda residing at c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi 471-8571, Japan and a citizen of Japan;
5. Yoshiaki Kikuchi residing at c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi 471-8571, 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 DEVICE AND METHOD FOR CONTROLLING CHARGING OF SECONDARY BATTERY and which has been given Serial Number 09/802,267 and the filing date of March 8, 2001;

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-banchi, Oaza-Kadoma, Kadoma-shi, Osaka 571-8501, Japan

AND WHEREAS Toyota Jidosha Kabushiki Kaisha (herein called "ASSIGNEE"), a corporation organized under the laws of Japan, and having an office and place of business at 1, Toyota-cho, Toyota-shi, Aichi 471-8571, 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

Yusui Murakami  
Signature

May 8, 2001  
Date

Note: No legalization or other witness required

Tadao Kimura  
Signature

May 8, 2001  
Date

Toshiaki Nakamichi  
Signature

May 9, 2001  
Date

Toshihiro Katsuma  
Signature

May 18, 2001  
Date

Yoshiaki Hibiuchi  
Signature

May 21, 2001  
Date