

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2615849

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | |
|---|------------------------------|---------------|------------------|---------------------|------------------------|----------------|------------|----------------|------------|-----------------|------------|------------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>ATSUSHI KAJITA</td> <td>06/12/2008</td> </tr> <tr> <td>YUKAKO TESHIMA</td> <td>06/12/2008</td> </tr> <tr> <td>HIROSHI IMOTO</td> <td>06/13/2008</td> </tr> <tr> <td>TAKEHIKO TANAKA</td> <td>06/16/2008</td> </tr> <tr> <td>HIROSHI HORIUCHI</td> <td>06/26/2008</td> </tr> </tbody> </table> | | Name | Execution Date | ATSUSHI KAJITA | 06/12/2008 | YUKAKO TESHIMA | 06/12/2008 | HIROSHI IMOTO | 06/13/2008 | TAKEHIKO TANAKA | 06/16/2008 | HIROSHI HORIUCHI | 06/26/2008 |
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| HIROSHI HORIUCHI | 06/26/2008 | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>Sony Corporation</td> </tr> <tr> <td>Street Address:</td> <td>1-7-1 Konan, Minato-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table> | | Name: | Sony Corporation | Street Address: | 1-7-1 Konan, Minato-ku | City: | Tokyo | State/Country: | JAPAN | | | | |
| Name: | Sony Corporation | | | | | | | | | | | | |
| Street Address: | 1-7-1 Konan, Minato-ku | | | | | | | | | | | | |
| City: | Tokyo | | | | | | | | | | | | |
| State/Country: | JAPAN | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13889006</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13889006 | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Application Number: | 13889006 | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | |
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| NAME OF SUBMITTER: | JEFFREY M. INGALLS | | | | | | | | | | | | |
| Signature: | /Jeffrey M. Ingalls/ | | | | | | | | | | | | |

Date:

11/14/2013

Total Attachments: 7

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ASSIGNMENT

WHEREAS, the undersigned, to wit: Atsushi Kajita, Yukako Teshima, Hiroshi Imoto, Takehiko Tanaka, and Hiroshi Horiuchi (hereinafter "ASSIGNORS"), are the lawful owners of an invention entitled: SEPARATOR AND BATTERY COMPRISING IT, for which a patent application of the United States was filed on July 22, 2008 in the United States Patent and Trademark Office having Application Serial No. 12/167,005;

AND WHEREAS, Sony Corporation (hereinafter "ASSIGNEE"), a corporation duly organized and existing under the laws of Japan and having its principal office and place of business at 1-7-1 Konan, Minato-ku, Tokyo, Japan, desires to acquire the entire right, title, and interest therein;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said ASSIGNORS do hereby sell, assign, and transfer, and hereby set over unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to said invention in the United States of America and all foreign countries, including, without limitation, said invention as described in the aforesaid application, to be held and enjoyed by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by said ASSIGNORS had this assignment and sale not been made, including, without limitation, all rights to the aforesaid application and to any United States Letters Patent therefor, when issued together with all improvements thereon and betterments thereof, all related applications including, but not limited to, divisions, continuations, continuations-in-part, reissues and reexaminations thereof and substitutions of or for said application, and all foreign rights including the right to make application for Letters Patent for said inventions in any and all foreign countries and the right to claim priority as to the filing date under the International Convention on the basis for the aforesaid application for United States Letters Patent; and ASSIGNORS hereby authorize and request the Commissioner of Patents to issue all Letters Patent issuing therefrom to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.

ASSIGNORS hereby agree to execute any papers, provide any information and testify in any interference or litigation at the request of ASSIGNEE, its successors, assigns and legal representatives, when deemed essential to ASSIGNEE's, its successors', assigns' and legal representatives' full enjoyment, protection, enforcement and title in and to such invention and rights hereby transferred.

ASSIGNORS furthermore agree upon request of said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, to execute any and all papers desired by said ASSIGNEE, its successors, assigns and legal representatives, for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE, its successors, assigns and legal representatives.

S08P1408US00

112857-1394

It is hereby authorized that the attorney of record in the above-referenced patent application insert the serial number and filing date of the patent application, if applicable, in the spaces identified above.

S08P1408US00
112857-1394

Signature

Atsushi Kajita

Name: Atsushi Kajita

Date Signed

June 12, 2008

Address: c/o Sony Energy Devices Corporation
1-1, Aza-Shimosugishita, Takakura, Hiyada-Machi
Koriyama-shi, Fukushima, Japan

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.

Signature

Mihoko Iga

MIHOKO IGA

Date Signed

June 30, 2008

S08P1408US00
112857-1394

Signature

Date Signed

Yukako Teshima
Name: Yukako Teshima June 12, Y.T.

June 12, 2008

Address: c/o Sony Corporation
1-7-1 Konan, Minato-ku,
Tokyo, Japan

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.

Signature

Date Signed

Mihoko Iga
MIHOKO IGA

June 30, 2008

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112857-1394

Signature

Date Signed

Hiroshi Imoto

June 13, 2008

Name: Hiroshi Imoto

Address: c/o Sony Corporation

1-7-1 Konan, Minato-ku,

Tokyo, Japan

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Signature

Date Signed

Mihoko Iga

June 30, 2008

MIHOKO IGA

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112857-1394

Signature

Date Signed

Takehiko Tanaka
Name: Takehiko Tanaka

June 16, 2008

Address: c/o Sony Energy Devices Corporation
1-1, Aza-Shimosugishita, Takakura, Hiwada-Machi
Koriyama-shi, Fukushima, Japan

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.

Signature

Date Signed

Mihoko Iga
MIHOKO IGA

June 30, 2008

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112857-1394

Signature

Date Signed

Hiroshi Horiuchi
Name: Hiroshi Horiuchi

June 26, 2008

Address: c/o Sony Corporation
1-7-1 Konan, Minato-ku,
Tokyo, Japan

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.

Signature

Date Signed

Mihoko Iga
MIHOKO IGA

June 30, 2008