

PATENT ASSIGNMENT

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| 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>Takuji HORIE</td> <td>07/22/2012</td> </tr> <tr> <td>Tsuyoshi OCHIAI</td> <td>07/19/2012</td> </tr> <tr> <td>Kazuya NAKATA</td> <td>07/19/2012</td> </tr> <tr> <td>Taketoshi MURAKAMI</td> <td>07/19/2012</td> </tr> </tbody> </table> | | Name | Execution Date | Takuji HORIE | 07/22/2012 | Tsuyoshi OCHIAI | 07/19/2012 | Kazuya NAKATA | 07/19/2012 | Taketoshi MURAKAMI | 07/19/2012 | | |
| Name | Execution Date | | | | | | | | | | | | |
| Takuji HORIE | 07/22/2012 | | | | | | | | | | | | |
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| Kazuya NAKATA | 07/19/2012 | | | | | | | | | | | | |
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| RECEIVING PARTY DATA | | | | | | | | | | | | | |
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| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>IB2010002221</td> </tr> </tbody> </table> | | Property Type | Number | PCT Number: | IB2010002221 | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| PCT Number: | IB2010002221 | | | | | | | | | | | | |
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OP \$40.00 IB2010002221

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Total Attachments: 2

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ASSIGNMENT

WHEREAS:

- **Yuko MORITO**, c/o U-VIX CORPORATION, 2-14-8 Midorigaoka, Meguro-ku, Tokyo, 152-0034, JAPAN
- **Akira FUJISHIMA**, c/o KANAGAWA ACADEMY OF SCIENCE AND TECHNOLOGY, KSP West 6F 3-2-1 Sakado, Takatsu-ku, Kawasaki-Shi, Kanagawa, 213-0012, JAPAN
- **Takuji HORIE**, c/o HORIE CORPORATION, 5090 Koike Kamidori, Tsubame, Niigata Prefecture, 959-1276, JAPAN
- **Tsuyoshi OCHIAI**, c/o KANAGAWA ACADEMY OF SCIENCE AND TECHNOLOGY, KSP West 6F 3-2-1 Sakado, Takatsu-ku, Kawasaki-Shi, Kanagawa, 213-0012, JAPAN
- **Kazuya NAKATA**, c/o KANAGAWA ACADEMY OF SCIENCE AND TECHNOLOGY, KSP West 6F 3-2-1 Sakado, Takatsu-ku, Kawasaki-Shi, Kanagawa, 213-0012, JAPAN
- **Taketoshi MURAKAMI**, c/o KANAGAWA ACADEMY OF SCIENCE AND TECHNOLOGY, KSP West 6F 3-2-1 Sakado, Takatsu-ku, Kawasaki-Shi, Kanagawa, 213-0012, JAPAN

hereinafter called "Assignors", have invented certain improvements in the following patent applications, as identified below:

- JP2010-014624, filed January 26, 2010, titled: Photocatalyst Element Structure and Ultraviolet Radiation Air Purification System
- JP2010-47773, filed March 4, 2010, titled: Photocatalyst Sheet and Method of Manufacturing Photocatalyst Sheet

naming the above individuals as inventors;

WHEREAS, **Yuko MORITO**, c/o U-VIX CORPORATION, 2-14-8 Midorigaoka, Meguro-ku, Tokyo, 152-0034, JAPAN and **Akira FUJISHIMA**, c/o KANAGAWA ACADEMY OF SCIENCE AND TECHNOLOGY, KSP West 6F 3-2-1 Sakado, Takatsu-ku, Kawasaki-Shi, Kanagawa, 213-0012, JAPAN, desire to acquire the entire rights, title and interest in the above-identified JP applications and the inventions disclosed and claimed therein with respect to any Letters Patent issuing thereon, or issuing on any subsequently filed United States patent applications which claim the benefit of the applications' filing dates; and

NOW, THEREFORE, for One Dollar (\$1.00) and other valuable consideration, receipt whereof is hereby acknowledged,

The above named Assignors hereby sell, assign and transfer to **Yuko MORITO** and **Akira FUJISHIMA**, their successors and assigns, nunc pro tunc as of August 4, 2010 the entire rights, title and interest in the 'above-identified Japanese applications and the inventions disclosed therein for the United States of America, and all countries foreign thereto including rights of priority under the International Convention of Paris (1883) as amended, and as to the United States, we request the Commissioner of Patents to issue any Letters Patents granted upon the inventions set forth in the applications to **Yuko MORITO** and **Akira FUJISHIMA**, their successors and assigns; and we hereby agree that **Yuko MORITO** and **Akira FUJISHIMA** may apply for foreign Letters Patents on the inventions and we will execute without further consideration all papers deemed necessary by **Yuko MORITO** and **Akira FUJISHIMA** in connection with the United States and foreign applications when called upon to do so by **Yuko MORITO** and **Akira FUJISHIMA**.

Date: July 22, 2012

Takuji Horie
Takuji HORIE

Date: July 19, 2012

Tsuyoshi Ochiai
Tsuyoshi OCHIAI

Date: July 19, 2012

Kazuya Nakata
Kazuya NAKATA

Date: July 19, 2012

Takatoshi Murakami
Takatoshi MURAKAMI

Accepted by:

Yuko MORITO

Date: July 18, 2012

Accepted by:

Akira FUJISHIMA

Date: July 19, 2012