# PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

### **CONVEYING PARTY DATA**

| Name              | Execution Date |
|-------------------|----------------|
| Ruzhi ZHANG       | 07/31/2013     |
| WooKyu KIM        | 07/26/2013     |
| David J. ABDALLAH | 07/30/2013     |
| Ping-Hung LU      | 07/29/2013     |
| Mark O. NEISSER   | 07/26/2013     |
| Ralph R. DAMMEL   | 07/25/2013     |
| Ari KARKKAINEN    | 07/31/2013     |

### **RECEIVING PARTY DATA**

| Name:           | AZ ELECTRONIC MATERIALS USA CORP. |
|-----------------|-----------------------------------|
| Street Address: | 70 MEISTER AVENUE                 |
| City:           | SOMERVILLE                        |
| State/Country:  | NEW JERSEY                        |
| Postal Code:    | 08876                             |

| Name:           | BRAGGONE OY  |
|-----------------|--------------|
| Street Address: | KAITOVAYLA 1 |
| City:           | OULU         |
| State/Country:  | FINLAND      |
| Postal Code:    | 90570        |

### PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 12449735 |

# **CORRESPONDENCE DATA**

**Fax Number**: 9084293650

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 9084293536

PATENT REEL: 030915 FRAME: 0212

502441093

Email: Sangya.Jain@AZ-EM.com

Correspondent Name: Sangya Jain

Address Line 1: AZ Electronic Materials USA Corp.

Address Line 2: 70 Meister Avenue

Address Line 4: Somerville, NEW JERSEY 08876

| ATTORNEY DOCKET NUMBER: | 2007US307     |
|-------------------------|---------------|
| NAME OF SUBMITTER:      | Sangya Jain   |
| Signature:              | /Sangya Jain/ |
| Date:                   | 07/31/2013    |

Total Attachments: 14

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source=2007US307-AKarkkainen#page1.tif

source=2007US307-AKarkkainen#page2.tif

PATENT REEL: 030915 FRAME: 0213

R.t. USA

WHEREAS, UNDERSIGNED Ruzhi Zhang, citizen of China, residing at 33 Blake Drive, Pennington, New Jersey 08534, Woo-Kyu Kim, citizen of the Korea, residing at Apt #2204, Jeongja I-park, Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, S. Korea, 463-847, David J. Abdallah, citizen of USA, residing at 559 Sentinel Road, Moorestown, New Jersey 08057, PingHung Lu, citizen of USA, residing at 473 Steeple Chase Lane, Bridgewater, New Jersey 08807, Mark O. Neisser, citizen of USA, residing at 12 Indian Purchase, Whitehouse Station, New Jersey 08889, Ralph R. Dammel, citizen of USA, residing at 100/17 Soi 18, Mubaan Perfect Place, Min Buri, Bangkok 10510 Thailand, and Ari Karkkainen, citizen of Finland, residing at c/o Kaitovayla 1, Oulu, Finland 90570, respectively, have invented certain new and useful improvements (INVENTION) disclosed, shown, and described in an APPLICATION for Letters Patent of the United States entitled SILICONE-BASED ANTIREFLECTIVE COATING COMPOSITIONS, Docket No. 2007US307, U.S. No. 12/449,735 filed December 15, 2009, said APPLICATION being executed concurrently herewith, and

WHEREAS, AZ Electronic Materials USA Corp., a corporation organized under the laws of Delaware, 70 Meister Avenue, Somerville, New Jersey 08876 and Braggone Oy, a corporation organized under the laws of Fincland, Kaitovayla 1, Oulu, Finland 90570 (ASSIGNEES) is desirous of acquiring the entire right, title and interest in and to the INVENTION, in this and any foreign country, and in and to any Letters Patent of the United States or any foreign country which may be granted embracing the INVENTION.

| DATE 07/31 / 2-13 | Ruzhi Zhang       | (LS) |
|-------------------|-------------------|------|
| DATE              | Woo-Kyu Kim       | (LS) |
| DATE              | David J. Abdallah | (LS) |
| DATE              | PingHung Lu       | (LS) |
| DATE              | Mark O. Neisser   | (LS) |
| DATE              | Ralph R. Dammel   | (LS) |
| DATE              | Ari Karkkainen    | (LS) |

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| DATE                      | PingHung Lu            |
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| DATE                      | (LS<br>Ralph R. Dammel |
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| DATE            | (LS) Ruzhi Zhang        |
|-----------------|-------------------------|
| DATE            | (LS)                    |
| DATE July 30 20 | David J. Abdallah       |
| DATE            | (LS) PingHung Lu        |
| DATE            | (LS)<br>Mark O. Neisser |
| DATE            | (LS) Ralph R. Dammel    |
| DATE            | (LS)<br>Ari Karkkainen  |

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| DATE           | David J. Abdallah  | (LS)   |
| DATE 7/59/5013 | PingHung Lu        | La(LS) |
| DATE           | Mark O. Neisser    | (LS)   |
| DATE           | Ralph R. Dammel    | (LS)   |
| DATE           | <br>Ari Karkkainen | (LS)   |

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| DATE 7/26/13 | Mark O. Neisser   | <u>'e</u> (LS) |
| DATE         | Ralph R. Dammel   | (LS)           |
| DATE         | Ari Karkkainen    | (LS)           |

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# ASSIGNMENT

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| DATE               | Mark O. Neisser (LS)      |
| DATE July 25, 2013 | Ralph R. Dammel (LS)      |
| DATE               | Ari Karkkainen            |

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NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, UNDERSIGNED by these presents, sells, assigns, and transfers unto ASSIGNEES, its legal representatives, successors, and assigns, the entire right, title and interest for the United States and all foreign countries, in and to the INVENTION, and in and to the said APPLICATION, and in and to any applications for Letters Patent which have been or may be filed in any foreign country on said INVENTION, and in and to any and all priority rights generated by the filling of said APPLICATION in the United States or any foreign country, which may be granted covering the INVENTION, including any continuations, substitutions, divisions, reissues, or renewals thereof, said Letters Patent whether of this country or any foreign country to be held and enjoyed by ASSIGNEES for its interest, for its own use and behoof, and for its legal representatives, successors, and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by UNDERSIGNED had this assignment and sale not been made.

Page 1 of 2

| DATE                | Ruzhi Zhang       | (LS) |
|---------------------|-------------------|------|
| DATE                | Woo-Kyu Kim       | (LS) |
| DATE                | David J. Abdallah | (LS) |
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| DATE                | Mark O. Neisser   | (LS) |
| DATE                | Ralph R. Dammel   | (LS) |
| DATE 3156 July 2013 | Ari Karkkainen    | (LS) |