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To the Director of the U.S. Patent and T

ments or the new address(es) below.

Corr.
#700496281 02/08/13

1. Name of conveying party(ies)

Shigemasa NAKASUGI Munirathna PADMANABAN
Kazuma YAMAMOTO Srinivasan CHAKRAPANI
Yasushi AKIYAMA
Shinji MIYAZAKI

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

2. Name and address of receiving party(ies)

Name: AZ ELECTRONIC MATERIALS USA CORP.

Internal Address: _____

Street Address: 70 MEISTER AVENUE

City: SOMERVILLE

State: NEW JERSEY

Country: USA Zip: 08876

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 10/11/2011 and 10/20/2011

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other Correction of WUID 700496281

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

13/327,030

Filed December 15, 2011

Additional numbers attached? Yes No



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

Name: SANGYA JAIN

Internal Address: _____

AZ ELECTRONIC MATERIALS USA CORP.

Street Address: 70 MEISTER AVENUE

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Phone Number: (908) 429-3536

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Email Address: Sangya.Jain@AZ-EM.com

6. Total number of applications and patents involved: 1

7. Total fee(37 CFR 1.21(h) & 3.41) \$ 40

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 503309

Authorized User Name AZ ELEC MATERS

02/19/2013 KNGUYEN1 0000016 503309 1332 039
01 FC:0021 40.00 0A

9. Signature:

S. Jain

Signature

November 27, 2012

Date

Sangya Jain

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

6

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Docket No. 2011JP312 US

ASSIGNMENT

WHEREAS, UNDERSIGNED Shigemasa Nakasugi, citizen of Japan, residing at c/o AZ Electronic Materials (Japan) K.K., 3330, Chihama, Kakegawa-shi, Shizuoka 437-1412 Japan, Kazuma Yamamoto, citizen of Japan, residing at c/o AZ Electronic Materials (Japan) K.K., 3330, Chihama, Kakegawa-shi, Shizuoka 437-1412 Japan, Yasushi Akiyama, citizen of Japan, residing at c/o AZ Electronic Materials (Japan) K.K., 3330, Chihama, Kakegawa-shi, Shizuoka 437-1412 Japan, Shinji Miyazaki, citizen of Japan, residing at c/o AZ Electronic Materials (Japan) K.K., 3330, Chihama, Kakegawa-shi, Shizuoka 437-1412 Japan, Munirathna Padmanaban, citizen of the United States of America, residing 1 Dumont Court, Bridgewater, New Jersey 08807, United States of America, and Srinivasan Chakrapani, citizen of the United States of America, residing 21 Ten Broek Court, Bridgewater, New Jersey 08807, United States of America, respectively, have invented certain new and useful improvements (INVENTION) disclosed, shown, and described in an APPLICATION for Letters Patent of the United States entitled
COMPOSITION FOR FORMING A DEVELOPABLE BOTTOM ANTI-REFLECTIVE COATING

Docket No. 2011JP312US, and

WHEREAS, AZ Electronic Materials USA Corp., a corporation organized under the laws of the State of Delaware, 70 Meister Avenue, Somerville, New Jersey 08876 USA (ASSIGNEE) is desirous of acquiring the entire right, title and interest in and to the INVENTION, in the United States or the states of the European Patent Convention with effect for all designated contracting and extension states, and in and to any Letters Patent of the United States or the states of the European Patent Convention with effect for all designated contracting and extension states which may be granted embracing the INVENTION.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, UNDERSIGNED by these presents, sells, assigns, and transfers unto ASSIGNEE, its legal representatives, successors, and assigns, the entire right, title and interest for the United States and for the states of the European Patent Convention with effect for all designated contracting and extension states, 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 states of the European Patent Convention with effect for all designated contracting and extension states on said INVENTION, and in and to any and all priority rights generated by the filing of said APPLICATION in the United States or any states of the European Patent Convention with effect for all designated contracting and extension states, 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 states of the European Patent Convention with effect for all designated contracting and extension states to be held and enjoyed by ASSIGNEE 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. The UNDERSIGNED hereby authorize and request our/my attorney(ies)/agent(s) associated with Customer No. 26289, of 70 Meister Avenue, Somerville, New Jersey 08876, to insert here in parentheses the application serial number and filing date of said application when known (Serial No. 13/327,030 filed December 15, 2011).

Docket No. 2011JP312 US

IN WITNESS WHEREOF this assignment has been executed by UNDERSIGNED on the date opposite his name.

DATE 2011. 10. 11

Shigemasa Nakasugi
Shigemasa Nakasugi

DATE 2011. 10. 11

Kazuma Yamamoto
Kazuma Yamamoto

DATE 2011. 10. 11

Yasushi Akiyama
Yasushi Akiyama

DATE 2011. 10. 11

Shinji Miyazaki
Shinji Miyazaki

DATE 10/20/2011

Munirathna Padmanaban
Munirathna Padmanaban

DATE 10.20.2011

S. Chakrapani
Srinivasan Chakrapani