## PATENT ASSIGNMENT

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

## **CONVEYING PARTY DATA**

| Name               | Execution Date |
|--------------------|----------------|
| Naoki OYANAGI      | 12/16/2008     |
| Tomohiro SYOUNAI   | 12/16/2008     |
| Yasuyuki SAKAGUCHI | 12/16/2008     |

### **RECEIVING PARTY DATA**

| Name:           | SHOWA DENKO K.K.           |  |  |
|-----------------|----------------------------|--|--|
| Street Address: | 13-9, Shiba Daimon 1-chome |  |  |
| City:           | Minato-ku, Tokyo           |  |  |
| State/Country:  | JAPAN                      |  |  |
| Postal Code:    | 105-8518                   |  |  |

#### PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 12301383 |

#### **CORRESPONDENCE DATA**

Fax Number: (202)293-7860

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

Phone: 202-293-7060

Email: Scrawford@sughrue.com
Correspondent Name: SUGHRUE MION, PLLC

Address Line 1: 2100 PENNSYLVANIA AVENUE, N.W.

Address Line 2: SUITE 800

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20037

NAME OF SUBMITTER: Sheldon I. Landsman

Total Attachments: 1

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PATENT

REEL: 022190 FRAME: 0889

# **ASSIGNMENT**

Whereas, I/we

- (1). OYANAGI Naoki
- (2). SYOUNAI Tomohiro
- (3). SAKAGUCHI Yasuyuki

all of c/o SHOWA DENKO K.K.

1-1, Ohnodai 1-chome, Midori-ku, Chiba-shi, Chiba 267-0056, JAPAN

hereinafter called assignor(s), have invented certain improvements in

METHOD FOR PRODUCING SILICON CARBIDE SINGLE CRYSTAL

and executed an application for Letters Patent of the United States of America therefor on

December 16, 2008; and

Whereas,

SHOWA DENKO K.K.

of 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 Japan (assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. § 119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number 12/301,383, filed November 18, 2008) the filing date and application number of said application when known.

| Date: December | 16, | 2008 | s/ | OYANAGI                | Naoki           |
|----------------|-----|------|----|------------------------|-----------------|
|                |     | 2000 |    | OYANAGI Na             | oki             |
| Date: December | 16, | 2008 | s/ | SYOUNAI TO             | TOMOHIRO mohiro |
| Date: December | 16, | 2008 | s/ | SAKAGUCHI<br>SAKAGUCHI |                 |

(Legalization not required for recording but is prima facie evidence of execution under 3

**RECORDED: 02/02/2009** 

REEL: 022190 FRAME: 0890