

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>Yushi MATSUMURA</td> <td>06/05/2012</td> </tr> <tr> <td>Shinya MINEGISHI</td> <td>06/07/2012</td> </tr> <tr> <td>Satoru MURAKAMI</td> <td>06/05/2012</td> </tr> <tr> <td>Yusuke ANNO</td> <td>06/04/2012</td> </tr> <tr> <td>Shinya NAKAFUJI</td> <td>06/06/2012</td> </tr> <tr> <td>Kazuhiko KOMURA</td> <td>06/01/2012</td> </tr> <tr> <td>Kyoyu YASUDA</td> <td>06/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yushi MATSUMURA	06/05/2012	Shinya MINEGISHI	06/07/2012	Satoru MURAKAMI	06/05/2012	Yusuke ANNO	06/04/2012	Shinya NAKAFUJI	06/06/2012	Kazuhiko KOMURA	06/01/2012	Kyoyu YASUDA	06/06/2012
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RECEIVING PARTY DATA																	
<table border="1"> <tr> <td>Name:</td> <td>JSR Corporation</td> </tr> <tr> <td>Street Address:</td> <td>9-2, Higashi-Shinbashi 1-chome, Minato-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>105-8640</td> </tr> </table>		Name:	JSR Corporation	Street Address:	9-2, Higashi-Shinbashi 1-chome, Minato-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	105-8640						
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CORRESPONDENCE DATA																	
Fax Number:	(703)519-9958																
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Address Line 1:	918 PRINCE STREET																
Address Line 4:	Alexandria, VIRGINIA 22314																
ATTORNEY DOCKET NUMBER:	P6409US00																

OP \$40.00 13466126

NAME OF SUBMITTER:

Masayasu Mori

Total Attachments: 9

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ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I (we) the undersigned, Yushi MATSUMURA, Shinya MINEGISHI, Satoru MURAKAMI, Yusuke ANNO, Shinya NAKAFUJI, Kazuhiko KOMURA and Kyoyu YASUDA hereby sell, assign, and transfer to JSR Corporation, a corporation of Japan, having a principal place of business at 9-2, Higashi-Shinbashi 1-chome, Minato-ku, Tokyo, 105-8640, Japan ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent, entitled:

PATTERN-FORMING METHOD, AND COMPOSITION FOR
FORMING RESIST UNDERLAYER FILM

- ☐ which has been executed by the undersigned concurrently herewith,
☒ which was filed on May 8, 2012 and assigned Serial No. 13/466,126

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all assignments and powers of attorney; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

The undersigned hereby grant(s) registered practitioners of the firm of Dittthavong Mori & Steiner, P.C. of 918 Prince Street, Alexandria, Virginia, 22314, the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Each Inventor: Please Sign and Date Below:

June 5, 2012
Date

Yushi MATSUMURA
Name: Yushi MATSUMURA

Each Inventor: Please Sign and Date Below:

June 7, 2012
Date

Shinya Minegishi
Name: Shinya MINEGISHI

Each Inventor: Please Sign and Date Below:

June 5, 2012
Date

Satoru Murakami
Name: Satoru MURAKAMI

Each Inventor: Please Sign and Date Below:

_____, 20____
Date

Name: Yusuke ANNO

Each Inventor: Please Sign and Date Below:

June 6, 2012
Date

Shinya NAKAFUJI
Name: Shinya NAKAFUJI

Each Inventor: Please Sign and Date Below:

_____, 20____
Date

Name: Kazuhiko KOMURA

Attorney Docket No.: P6409US00

Patent

Each Inventor: Please Sign and Date Below:

June 6, 2012
Date

Kyoyu Yasuda
Name: Kyoyu YASUDA

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agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all assignments and powers of attorney; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

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Date Name: Yushi MATSUMURA

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Date Name: Shinya MINEGISHI

Each Inventor: Please Sign and Date Below:

_____, 20____
Date Name: Satoru MURAKAMI

Each Inventor: Please Sign and Date Below:

June 4, 2012
Date Name: Yusuke ANNO

Each Inventor: Please Sign and Date Below:

_____, 20____
Date Name: Shinya NAKAFUJI

Each Inventor: Please Sign and Date Below:

_____, 20____
Date Name: Kazuhiko KOMURA

Attorney Docket No.: P6409US00

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Name: Kyoyu YASUDA

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Each Inventor: Please Sign and Date Below:

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Date Name: Shinya NAKAFUJI

Each Inventor: Please Sign and Date Below:

6/1, 2012
Date Name: Kazuhiko KOMURA

Attorney Docket No.: P6409US00

Patent

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Date

Name: Kyoyu YASUDA