

Client Code: SHIGA7.263AUS

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To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying parties: 1. Yoshiyuki Utsumi 2. Masaru Takeshita 3. Hiroaki Shimizu 4. Syo Abe 5. Yoshitaka Komuro Additional name(s) of conveying party(ies) attached? () Yes (X) No	2. Name and address of receiving party: Name: Tokyo Ohka Kogyo Co., Ltd. Internal Address: Street Address: 150 Nakamaruko City: Kawasaki-shi State: Kanagawa-ken ZIP: Japan Additional name(s) of receiving party(ies) attached? () Yes (X) No			
3. Nature of conveyance: (X) Assignment () Security Agreement () Merger () Change of Name () Other: Execution Date (1-5): December 29, 2011	4. US Patent Application number: (X) Patent Application No.: 13/313990 Filing Date: December 7, 2011 Additional numbers attached? () Yes (X) No			
5. Party to whom correspondence concerning document should be mailed: Customer No. 20,995 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14 th Floor Irvine, CA 92614 Return Fax: (949) 760-9502 Attorney's Docket No.: SHIGA7.263AUS	6. Total number of applications and patents involved: 1			
7. Total fee (37 CFR 1.21(h)): \$40 (X) Authorized to be charged to deposit account	8. Deposit account number: 11-1410 Please charge this account for any additional fees which may be required, or credit any overpayment to this account.			
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document. <table border="0" style="width: 100%;"> <tr> <td style="text-align: center; width: 33%;"> <u>Neil S. Bartfeld</u> Name of Person Signing </td> <td style="text-align: center; width: 33%;"> <u>/Neil S. Bartfeld/</u> Signature </td> <td style="text-align: center; width: 33%;"> <u>January 26, 2012</u> Date </td> </tr> </table> 39,901 Registration No. Total number of pages including cover sheet, attachments and document: 3		<u>Neil S. Bartfeld</u> Name of Person Signing	<u>/Neil S. Bartfeld/</u> Signature	<u>January 26, 2012</u> Date
<u>Neil S. Bartfeld</u> Name of Person Signing	<u>/Neil S. Bartfeld/</u> Signature	<u>January 26, 2012</u> Date		

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PATENT
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PATENT

ASSIGNMENT

WHEREAS, I/WE (1) Yoshiyuki UTSUMI
a Japanese citizen, residing at Kawasaki-shi, Japan

(2) Masaru TAKESHITA
a Japanese citizen, residing at Kawasaki-shi, Japan

(3) Hiroaki SHIMIZU
a Japanese citizen, residing at Kawasaki-shi, Japan

(4) Syo ABE
a Japanese citizen, residing at Kawasaki-shi, Japan

(5) Yoshitaka KOMURO
a Japanese citizen, residing at Kawasaki-shi, Japan

hereinafter referred to as Assignor (collectively if more than one inventor is listed above), have invented certain new and useful improvements in

RESIST COMPOSITION AND METHOD OF FORMING RESIST PATTERN

the specification of which:

- (a) ☐ was executed on even date herewith;
- (b) ☒ was filed on December 7, 2011 as o Application No. 13/313,990 or o Express Mail No., as Application No. not yet known _____ and was amended on _____ (if applicable); or
- (c) ☐ was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____ (if any) and/or under PCT Article 34 on _____ (if any).

AND WHEREAS, TOKYO OHKA KOGYO CO., LTD., with its principal place of business at 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa-ken, Japan, (hereinafter referred to as Assignee) desires to acquire the entire right, title, and interest in and to the said improvements with respect to the United States of America, its territories and possessions.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby acknowledges that it has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title, and interest in the United States of America, and its territories and possessions in, to and under said improvements, and any Patent Applications in the United States of America and all divisions, renewals and continuations thereof, and all Patents of the United States of America which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions; and Assignor hereby authorizes and requests the Commissioner of Patents of the United States of America to issue all Patents for said improvements to Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee, its successors, legal representatives and assigns, any facts known to it respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in the United States of America.

PATENT

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IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature.

This 29th day of December, 2011

Yoshiyuki Utsumi
Signature of Yoshiyuki UTSUMI

This 29th day of December, 2011

Masaru Takeshita
Signature of Masaru TAKESHITA

This 29th day of December, 2011

Hiroaki Shimizu
Signature of Hiroaki SHIMIZU

This 29th day of December, 2011

Syo Abe
Signature of Syo ABE

This 29th day of December, 2011

Yoshitaka Komuro
Signature of Yoshitaka KOMURO

Witnessed by:

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