

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Tomoyuki HIRANO</td> <td>04/27/2012</td> </tr> <tr> <td>Daiju SHIONO</td> <td>04/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	Tomoyuki HIRANO	04/27/2012	Daiju SHIONO	04/27/2012		
Name	Execution Date								
Tomoyuki HIRANO	04/27/2012								
Daiju SHIONO	04/27/2012								
RECEIVING PARTY DATA									
<table border="1"> <tr> <td>Name:</td> <td>TOKYO OHKA KOGYO CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>150, Nakamaruko, Nakahara-ku, Kanagawa-ken</td> </tr> <tr> <td>City:</td> <td>Kawasaki-shi</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	TOKYO OHKA KOGYO CO., LTD.	Street Address:	150, Nakamaruko, Nakahara-ku, Kanagawa-ken	City:	Kawasaki-shi	State/Country:	JAPAN
Name:	TOKYO OHKA KOGYO CO., LTD.								
Street Address:	150, Nakamaruko, Nakahara-ku, Kanagawa-ken								
City:	Kawasaki-shi								
State/Country:	JAPAN								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13372740</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13372740				
Property Type	Number								
Application Number:	13372740								
CORRESPONDENCE DATA									
<p>Fax Number: (949)760-9502 Phone: 949-760-0404 Email: efiling@knobbe.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Knobbe, Martens, Olson & Bear, LLP Address Line 1: 2040 Main Street, 14th Floor Address Line 4: Irvine, CALIFORNIA 92614</p>									
ATTORNEY DOCKET NUMBER:	SHIGA7.271AUS								
NAME OF SUBMITTER:	Neil S. Bartfeld								
<p>Total Attachments: 2 source=2012_05_01_Assignment_SHIGA7_271AUS#page1.tif source=2012_05_01_Assignment_SHIGA7_271AUS#page2.tif</p>									

OP \$40.00 13372740

ASSIGNMENT

WHEREAS, I/WE (1) Tomoyuki HIRANO,
a Japanese citizen, residing at Kawasaki-shi, Japan,
(2) Daiju SHIONO,
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

METHOD OF FORMING RESIST PATTERN

the specification of which:

- (a) ☐ was executed on even date herewith;
- (b) ☒ was filed on 02/14/2012 as o Application No. 13/372740 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.

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

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

--

Full name of sole or first inventor: Tomoyuki HIRANO

Inventor's signature Tomoyuki HIRANO Day 27 Month April Year 2012

Residence (city and country): Kawasaki-shi, Japan

Citizenship: Japan

Post Office Address: c/o TOKYO OHKA KOGYO CO., LTD., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi,
Kanagawa-ken, Japan

Full name of second inventor: Daiju SHIONO

Inventor's signature Daiju Shiono Day 27 Month April Year 2012

Residence (city and country): Kawasaki-shi, Japan

Citizenship: Japan

Post Office Address: c/o TOKYO OHKA KOGYO CO., LTD., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi,
Kanagawa-ken, Japan

Send Correspondence To:
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995

PF-3
H:\DOCS\KACKAC-1197.DOC
020503