## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2953242

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

#### **CONVEYING PARTY DATA**

| Name              | Execution Date |
|-------------------|----------------|
| Ryuji OHNISHI     | 07/04/2014     |
| Takafumi ENDO     | 07/04/2014     |
| Rikimaru SAKAMOTO | 07/04/2014     |

### **RECEIVING PARTY DATA**

| Name:           | NISSAN CHEMICAL INDUSTRIES, LTD.           |  |  |
|-----------------|--|--|--|
| Street Address: | 7-1, Kanda-Nishiki-cho 3-chome, Chiyoda-ku |  |  |
| City:           | Tokyo                                      |  |  |
| State/Country:  | Japan                                      |  |  |
| Postal Code:    | 1010054                                    |  |  |

### **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |  |
|---------------------|----------|--|
| Application Number: | 14350191 |  |

### **CORRESPONDENCE DATA**

**Fax Number:** (703)836-2787

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 703-836-6400
Email: email@oliff.com
Correspondent Name: JAMES A. OLIFF
Address Line 1: OLIFF PLC

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER: 161202

NAME OF SUBMITTER: GRACE KO

SIGNATURE: /Grace Ko/
DATE SIGNED: 07/24/2014

**Total Attachments: 1** 

source=Assignment#page1.tif

PATENT 502906645 REEL: 033387 FRAME: 0441

# 諫 渡 証 ASSIGNMENT

| (1-8) Insert Name(s)   | (1) Ryuji OHNISH   | I  | (5)  |  |
|--|--|--|--|--|
| of Inventor(s)   | (2) <u>Takafumi END</u>  | 0  | (6)  |  |
|  | (3) <u>Rikimaru SAK</u>  | AMOTO  | (7)  |  |
|  | (4)  |  | (8)  |  |
| (9) Insert Name of Assignee (10) Insert Address of   | valuable considerat<br>assign, and hereby<br>(9) <u>NISSAN CHE</u>   | ideration of the sum of<br>tion paid to each of the u<br>does assign, transfer and a<br>MICAL INDUSTRIES, I<br>shiki-cho 3-chome, Chiye  | ndersigned, each undersi<br>set over to<br>.TD.  | igned agrees to  |
| Assignee   |  |  |  |  |
| (11) Insert Identification,  | and legal represent<br>America as defined<br>patent including a<br>substitute, and reis<br>reexamination certi<br>(11) RESIST OV | nated as the Assignee) a<br>atives, the entire right, ti<br>in 35 U.S.C. § 100, in the<br>ny and all provisional, no<br>sue application(s), and all<br>ficates that may be grante<br>ERLAYER FILM FORM | itle and interest for the Une invention, and in all a<br>non-provisional, divisional<br>Letters Patent, extension<br>ed on the invention known | United States of applications for<br>l, continuation,<br>us, reissues and<br>us as |
| such as Title, Case Number   | LITHOGRAP  | HY   |  | ,  |
| or Foreign Application<br>Number   | (Attornov Doc  | Irot No. 161202  | · · · · · · · · · · · · · · · · · · ·  |  |
| Number   | (Attorney Docket No. 161202) for which the undersigned has (have) executed an application for patent in the United               |  |  |  |
|  |  | n even date herewith or  |  |  |
| (12) Insert Date of Signing of   | (12) onJuly  | 4, 2014  |  |  |
| Application  | (10) II C1:+:  | G:-1 N1 1/   | 1/350 101  |  |
| (13) Alternative Identification for filed applications   |  | on Serial Number <u>1</u><br>Oril 7, 2014  |  |  |
| Each undersigned agree   | es to execute all paper  | s necessary in connection  | with any application and   | any continuing   |
| divisional or reissue application  |  |  |  |  |
| declared concerning any applic<br>thereon, for the invention, and<br>forward with such interference. | ation or continuation<br>to cooperate with the<br>es to execute all pape   | e Assignee in every way pers and documents and per   | any patent or reissue ap<br>cossible in obtaining evid<br>rform any act which may  | plication based<br>lence and going<br>be necessary in                              |
| 4) Each undersigned agree<br>by reissue or reexamination a g   | rant of a valid United<br>orizes and requests t<br>id application(s) to tl   | he Director of Patents to<br>ne said Assignee, as Assig  | gnee.<br>issue any and all Letters<br>nee of the entire interest,  | s Patents of the   |
| any agreements in conflict here  |  |  |  |  |
| any further identification that<br>Patent and Trademark Office fo                                    | by grants the firm of<br>may be necessary or<br>r recordation of this d  | ocument.   | aply with the rules of the   | ~  |
| In witness whereof, executed   |  | n  | / 1 7  | <b></b> •  |
| Date <u>July 4, 2014</u> In  | ventor Signature   | <u> </u>   | Onshi  | (SEAL)   |
| Date         July 4, 2014         In           Date         July 4, 2014         In                  | ventor Signature   | Takatum  | Endo   | (SEAL)   |
| Date <u>July 4, 2014</u> In  | ventor Signature _   | JR: leimaru  | Su canto   | (SEAL)   |
| DateIn   | ventor Signature _   |  |  | (SEAL)   |
| Date In  | ventor Signature   |  |  | (SEAL)   |
| DateIn   | ventor Signature   |  |  | (SEAL)   |
| DateIn   | -  |  |  |  |
| This assignment should prefera<br>the U.S.A. If neither, then it shoul                               | bly be signed before:<br>d be signed before at   | (a) a Notary Public if with<br>least two witnesses who a   | nin the U.S.A. (b) a U.S. C<br>lso sign here:  | Consul if outside  |
| DateW  | itness   |  |  |  |
| DateW  | itness   |  |  |  |

PATENT REEL: 033387 FRAME: 0442

RECORDED: 07/24/2014