PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| Yukio INAZUKI | 03/03/2010 |
| Hideo KANEKO | 03/03/2010 |
| Hiroki YOSHIKAWA | 03/03/2010 |

RECEIVING PARTY DATA

| Name: | Shin-Etsu Chemical Co., Ltd. | | | | |
|---|------------------------------|--|--|--|--|
| Street Address: 6-1, Otemachi 2-chome, Chiyoda-ku | | | | | |
| City: | Tokyo | | | | |
| State/Country: | JAPAN | | | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | | |
|---------------------|----------|--|--|
| Application Number: | 12750044 | | |

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 0171-1559PUS1

NAME OF SUBMITTER: Craig A. McRobbie

Total Attachments: 2

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BIRCH, STEWART, KOLASCH & BIRCH, LLP

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ATTORNEY DOCKET NO. D171-1559PUS1

ASSIGNMENT

| | | Application No. <u>12/750,044</u> | Filed 03/30/10 |
|---|---------------|--|---|
| Insert Name(s) | | WHEREAS, Yukio INAZUKI, Hideo KAN | EKO and Hiroki YOSHIKAWA of |
| of Inventor(s) | | Joetsu-shi, Niigata-ken, Japan, Joetsu | -shi, Niigata-ken, Japan |
| | | and Joetsu-shi, Niigata-ken, Japan | |
| | | | |
| Language (Telaha | | (hereinafter designated as the undersigned) has (have) inve | ented certain new and useful improvements in |
| Insert Title of Invention | iana) | Photomask Blank and Photomask | |
| | | | |
| | | for which an application for Letters Patent of the United St (except in the case of a provisional application). | ates of America has been executed by the undersigned |
| Insert Date of Signing of Application | 1859) | on March 3, 2010 | ; and |
| Insert Name of Assignee | 1879 > | WHEREAS, Shin-Etsu Chemical Co., | Ltd. |
| | | | |
| Insert Address of Assignee | | of6-1, Otemachi 2-chome, | Chiyoda-ku, Tokyo, Japan |
| CHECK BOX f appropriate | - | its heirs, successors, legal representatives and assigns (he acquiring the entire right, title and interest in and to said may be granted therefor in the United States of America in any and all foreign countries. | d invention and in and to any Letters Patent(s) that |
| | | NOW, THEREFORE, in consideration of the sum of paid, the receipt of which is hereby acknowledged, and oth has (have) sold, assigned and transferred, and by thes Assignee the full and exclusive right to the said invention dependencies and possessions and the entire right, title which may be granted therefor in the United States of An | e presents does sell, assign and transfer unto said on in the United States of America, its territories, and interest in and to any and all Letters Patent(s) |

and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or

terms for which the same may be granted.

PATENT

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The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

| Date | March 3, 2010 | | Suhio (signature) | Inozufa | Yukio INAZUKI |
|------|----------------|------------------|----------------------|-----------|------------------|
| Date | March 3, 2010 | Name of Inventor | Tideo (signature) | Hancho | Hideo KANEKO |
| Date | March 3, 2010, | | Winchi (signature) | Joshihava | Hiroki YOSHIKAWA |
| Date | ,, | | (signature) | | |
| Date | | Name of Inventor | (signature) | | |
| Date | | Name of Inventor | (signature) | | |

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RECORDED: 04/01/2010