

PATENT ASSIGNMENT

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| Ken-ichi TADA | 05/08/2008 |
| Koichiro INABA | 05/08/2008 |
| Taishi FURUKAWA | 05/08/2008 |
| Hirokazu CHIBA | 05/08/2008 |
| Tetsu YAMAKAWA | 05/08/2008 |
| Noriaki OSHIMA | 05/08/2008 |

RECEIVING PARTY DATA

| | |
|-----------------|----------------------------|
| Name: | TOSOH CORPORATION |
| Street Address: | 4560 Kaisei-cho, Yamaguchi |
| City: | Shunan-shi |
| State/Country: | JAPAN |
| Postal Code: | 746-8501 |

| | |
|-----------------|---------------------------------|
| Name: | SAGAMI CHEMICAL RESEARCH CENTER |
| Street Address: | 2743-1, Hayakawa, Kanagawa |
| City: | Ayase-shi |
| State/Country: | JAPAN |
| Postal Code: | 252-1193 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12093389 |

CORRESPONDENCE DATA

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CH \$40.00 12093389

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ATTORNEY DOCKET NUMBER: Q107790

NAME OF SUBMITTER: Peter D. Olexy

Total Attachments: 1
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ASSIGNMENT

Whereas, I/we Hirokazu CHIBA and Tetsu YAMAKAWA both of Tokyo, Japan, Ken-ichi TADA, Taishi FURUKAWA, and Noriaki OSHIMA all of Kanagawa, Japan, Koichiro INABA of Yamaguchi, Japan

hereinafter called assignor(s), have invented certain improvements in

TITANIUM COMPLEXES, THEIR PRODUCTION METHODS, TITANIUM-CONTAINING THIN FILMS, AND THEIR FORMATION METHODS

May 8, 2008 ; and

Whereas, TOSOH CORPORATION of 4560, Kaisei-cho, Shunan-shi, Yamaguchi 746-8501 Japan

SAGAMI CHEMICAL RESEARCH CENTER of 2743-1, Hayakawa, Ayase-shi, Kanagawa 252-1193 Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. § 119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number _____, filed _____) the filing date and application number of said application when known.

| | |
|-------------------|---|
| Date: May 8, 2008 | sl/ <u>Kenichi Tada</u> Ken-ichi TADA |
| Date: May 8, 2008 | sl/ <u>Koichiro Inaba</u> Koichiro INABA |
| Date: May 8, 2008 | sl/ <u>Taishi Furukawa</u> Taishi FURUKAWA |
| Date: May 8, 2008 | sl/ <u>Hirokazu Chiba</u> Hirokazu CHIBA |
| Date: May 8, 2008 | sl/ <u>Tetsu Yamakawa</u> Tetsu YAMAKAWA |
| Date: May 8, 2008 | sl/ <u>Noriaki Oshima</u> Noriaki OSHIMA |

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)