PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| TETSUJI OHTA | 04/07/2009 |
| KEIKO KITAMURA | 04/07/2009 |
| MITSUHIRO WATANABE | 04/09/2009 |

RECEIVING PARTY DATA

| Name: | KIMOTO CO., LTD. | |
|-----------------|-------------------------------------|--|
| Street Address: | 19-1, SHINJUKU 2-CHOME, SHINJUKU-KU | |
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| State/Country: | JAPAN | |
| Postal Code: | 160-0022 | |

| Name: | KANTO GAKUIN UNIVERSITY SURFACE ENGINEERING RESEARCH INSTITUTE |
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| City: | YOKOSUKA-SHI, KANAGAWA |
| State/Country: | JAPAN |
| Postal Code: | 239-0806 |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 12525469 | |

CORRESPONDENCE DATA

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PATENT REEL: 023038 FRAME: 0226 OF \$40.00 12525469

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|--|----------------|--|
| ATTORNEY DOCKET NUMBER: OHTA3007/GAL | | |
| NAME OF SUBMITTER: | GEORGE A. LOUD | |
| Total Attachments: 2 source=OHTA3007-ASSIGNMENT#page1.tif source=OHTA3007-ASSIGNMENT#page2.tif | | |

PATENT REEL: 023038 FRAME: 0227

ASSIGNMENT

WHEREAS, I (we), Tetsuji OHTA, Keiko KITAMURA and Mitsuhiro WATANABE whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, is(are) the owner of certain new and useful

improvements in Material for forming electroless plate, coating solution for adhering catalyst, method for forming electroless plate, and plating method (hereinafter referred to as the Invention) for which an application for United States Letters Patent was

□ executed on even date herewith
□ executed on:
□ filed on:
□ serial No.:
□ established by PCT International Patent Application No.:
□ designating the United States of America
□ 1)KIMOTO CO., LTD. of 19-1, Shinjuku 2-chome, Shinjuku-ku, Tokyo 160-0022, Japan
WHEREAS, 2)KANTO GAKUIN UNIVERSITY SURFACE ENGINEERING RESEARCH INSTITUTE of

XMENTION OFFICE MODERS (1) States in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, Assignor hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of Assignee in and to said INVENTION, all without further consideration. Assignor also agrees, without further consideration and at Assignee's expense, to identify and communicate to Assignee at Assignee's request documents and information concerning the INVENTION that are within Assignor's possession or control, and to provide further assurances and testimony on behalf of Assignee that lawfully may be required of Assignor in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. Assignor's obligations under this instrument shall extend to Assignor's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of Bacon & Thomas, PLLC to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

| Assignor Name Tetsuji OHTA | Address |
|-------------------------------|---|
| Where Signed To Kyo . Japan | c/o KIMOTO CO., LTD., 19-1, Shinjuku 2-chome, Shinjuku-ku, Tokyo 160-0022, Japan |
| Date April 7. 2009 | signature Tetsuji Ohta. |
| Witness (optional) | Witness (optional) |
| Print/Type Name | Print/Type Name |
| Signature | Signature |

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ASSIGNMENT

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| Anima V | | |
|--|--|--|
| Assignor Name Keiko KITAMURA | Address | |
| Where Signed Saitama, Japan | c/o KIMOTO CO., LTD. R&D Central laboratory, 6-35, Suzuya 4-chome, Chuo-ku, Saitama-shi, Saitama 338-0013, Japan | |
| Paitama, Japan Date 4.7.2009 | signature <eiko kitamura<="" td=""></eiko> | |
| Witness (optional) | Witness (optional) | |
| Print/Type Name | Print/Type Name | |
| Signature | | |
| Signaure | Signature | |
| Assignor Name Mitsuhiro WATANABE Where Signed Kanagawa, Japan | address c/o KANTO GAKUIN UNIVERSITY SURFACE ENGINEERING RESEARCH INSTITUTE, 4-1, Ikeda-cho 4-chome, Yokosuka-shi, Kanagawa 239-0806, Japan | |
| 1. 9. 2009 | signature Mitsuhiro Watanale | |
| Witness (optional) | Witness (optional) | |
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| Signature | Signature | |
| | | |
| Assignor Name | Address | |
| Where Signed | | |
| Date . | Signature | |
| Witness (optional) | Witness (optional) | |
| Print/Type Name | Print/Type Name | |
| Signature | Signature | |

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RECORDED: 07/31/2009