PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2984955

| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT | | | | |
|-----------------------|--|--|--|--|--|
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the TO ADD THE SECOND CONVEYOR previously recorded on Reel 031095 Frame 0878. Assignor(s) hereby confirms the ASSIGNMENT. | | | | |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| TETSUYA EMOTO | 07/12/2013 |
| MANABU OKUTANI | 07/12/2013 |

RECEIVING PARTY DATA

| Name: | DAINIPPON SCREEN MFG., CO., LTD. | | |
|-----------------|---|--|--|
| Street Address: | TENJINKITA-MACHI 1-1, TERANOUCHI-AGARU 4-CHOME, HORIKAWA-DORI, KAMIGYO-KU | | |
| City: | KYOTO-SHI, KYOTO | | |
| State/Country: | JAPAN | | |
| Postal Code: | 602-8585 | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 14011285 | |

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 2027568000

Email: mweipdocket@mwe.com

Correspondent Name: MCDERMOTT WILL & EMERY LLP
Address Line 1: 500 NORTH CAPITOL STREET, N.W.

Address Line 4: WASHINGTON, D.C. 20001

| NAME OF SUBMITTER: STEPHEN A. BECKER, P.C. | |
|--|------------|
| SIGNATURE: /Stephen A. Becker, P.C./ | |
| DATE SIGNED: | 08/18/2014 |

Total Attachments: 4

source=051023-0034_Assignment#page1.tif source=051023-0034_Assignment#page2.tif source=051023-0034_Assignment#page3.tif source=051023-0034_Assignment#page4.tif

PATENT 502938356 REEL: 033552 FRAME: 0960



United States Patent and Trademark Office





Electronic Patent Assignment System

Confirmation Receipt

Your assignment has been received by the USPTO. The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date | | | |
|---------------|----------------|--|--|--|
| Tetsuya EMOTO | 07/12/2013 | | | |

RECEIVING PARTY DATA

| Name: | DAINIPPON SCREEN MFG. CO., LTD. | | |
|--|---------------------------------|--|--|
| Street Address: Tenjinkita-machi 1-1, Teranouchi-agaru 4-chome, Horikawa-dori, K | | | |
| City: | Kyoto-shi, Kyoto | | |
| State/Country: | JAPAN | | |
| Postal Code: | 602-8585 | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 14011285 | |

CORRESPONDENCE DATA

http://epas.uspto.gov/com/receipt.jsp?iname = M3OV4J3SB7TU-7763

8/27/2013

Fax Number: 2027568087 Phone: 202-756-8000 Email: mweipdocket@mwe.com Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail. Correspondent Name: MCDERMOTT WILL & EMERY LLP Address Line 1: The McDermott Building Address Line 2: 500 North Capitol Street, N.W. WASHINGTON, DISTRICT OF COLUMBIA 20001 Address Line 4: ATTORNEY DOCKET 051023-0034 **NUMBER:** NAME OF SUBMITTER: Tomoki Tanida Signature: /tomoki tanida/ Date: 08/27/2013 **Total Attachments: 2** $source = 0510230034_declaration_assingment \# page 1.tif$ source=0510230034_declaration_assingment#page2.tif RECEIPT INFORMATION EPAS ID: PAT2517692 Receipt Date: 08/27/2013 Fee Amount: \$40

Return to home page

I .HOME | INDEX| SEARCH | eBUSINESS | CONTACT US | PRIVACY STATEMENT

| | Attorney Docket Number | | | |
|---|---|--|--|--|
| DECLARATION FOR UTILITY OR DESIGN | First Named Inventor Tetsuya EMOTO | | | |
| PATENT APPLICATION (37 CFR 1.63) AND | COMPLETE IF KNOWN | | | |
| ASSIGNMENT | Application Number | | | |
| | Filing Date | | | |
| SUBSTRATE TREATMENT METHOD | [TITLE] AND SUBSTRATE TREATMENT APPARATUS of the Invention) | | | |
| As a below named inventor, I hereby declare that: This declaration is directed to: | | | | |
| ☑ The attached application, OR | t. | | | |
| United States application number or PCT Internatifiled on | ional application number | | | |
| The above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. | | | | |
| WHEREAS, DAINIPPON SCREEN MFG. CO., L | TD. | | | |
| having a place of business at Tenjinkita-machi 1-1. Tera | nouchi-agaru 4-chome, Horikawa-dori, Kamigyo-ku, Kyoto-shi, | | | |
| Kyoto 602-8585, Japan | 7 | | | |
| as assignee, is desirous of acquiring all right, title and integranted therefor. | | | | |
| NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I (we), as inventor(s) and as assignor(s), hereby sell, assign and set over to said assignee the entire right, title and interest for the United States in and to said aforesaid application for Patent and all my (our) invention(s) disclosed and claimed in said aforesaid application, all original, divisional, continuation, substitute, reissue or reexamination applications and patents applied for or granted therefor in the United States and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said invention(s) or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself (ourselves) and my (our) legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said invention(s) and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said invention(s), whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention(s) in the United States, the expenses incident to said applications to be borne and paid by said assignee. | | | | |
| LEGAL NAME OF SOLE OR FIRST INVENTOR. Tetsuya EMOTO | INVENTORS SIGNATURE DATE Tetsuya EMOTO July 12, 2013 | | | |
| RESIDENCE: CITY STATE Kyoto | COUNTRY Japan | | | |
| | | | | |
| MAILING ADDRESS c/o DAINIPPON SCREEN MFG. CO., LTD., Tenjinkita-machi 1-1, Teranouchi-agaru 4-chome, | | | | |
| Horikawa-dori, Kamigyo-ku, Kyoto-shi, Kyoto 602 | -8585, Japan | | | |
| ☑ CONTINUED ON PAGE 2 | | | | |

{01391899.1}DECL-ASSIGN

PATENT REEL: 033552 FRAME: 0963

| DECLARATION FOR UTILITY OR DESIGN Attorney Docket Number | | | | |
|--|---------------|--|-----------------|--------------|
| PATENT APPLICATION (37 CFR 1.63) AND ASSIGNMENT | | | | |
| | | | | |
| WARNING: WARNING: WARNING: Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may centribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is mover required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioner/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (miless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandomed application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization from PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available. Petitioner/applicant is advised that documents which form the record of a patent application (such as the PTO/SB/91) are placed into the Privacy Act system of records DEPARTMENT OF COMMERCE, COMMERCE-PAT-7, System name: Patent Application Files. Documents not retained in an application file such as the PTO-2038) are placed into the Privacy Act system of COMMERCE-PAT-7, Bystem name: Deposit Accounts and Electronic Funds Transfer Profiles. | | | | |
| LEGAL NAME OF ADDITIONAL JOINT INVENTOR, H | YANY: | INVENTOR'S SIGNATURE | | DATE |
| Manabu OKUTANI | • | Manabu OKUTANI | | July 12,2013 |
| RESIDENCE: CITY Kyoto | STATE | | COUNTR Japan | Y |
| MAILING ADDRESS C/O DAINIPPON SCREEN MFG. CO., Legillowa dori Marijara ku, Mysta aki | | | ouchi-aga | aru 4-chome, |
| Horikawa-dori, Kamigyo-ku, Kyoto-shi, | . KYUIU 0U2-0 | DOD, Japan INVENTOR'S SIGNATURE | | DATE |
| movestant of profit four source at the confit | . 401 | INVESTIGATION OF THE PROPERTY | | Drite |
| RESIDENCE: CITY | STATE | | COUNTR | Y |
| MAILING ADDRESS | | | | |
| LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY: | | INVENTOR'S SIGNATURE | | DATE |
| RESIDENCE: CITY | STATE | | COUNTR | Ż. |
| MAILING ADDRESS | <u></u> | | 1 | |
| LEGAL NAME OF ADDITIONAL JOINT INVENTOR, II | FANY: | INVENTOR'S SIGNATURE | | DATE |
| RESIDENCE: CITY | STATE | | COUNTR | Y |
| MAILING ADDRESS | | | | |
| LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY: INVENTOR'S SE | | INVENTOR'S SIGNATURE | | DATE |
| | | | | |
| RESIDENCE: CITY | STATE | Accessed and the second control of the secon | COUNTR | Y |
| MAILING ADDRESS | | | | |
| LEGAL NAME OF ABDITIONAL JOINT INVENTOR, IF ANY: INVENTOR'S SIGNATURE DATE | | | | |
| RESIDENCE: CITY | STATE | | COUNTR | Y |
| MAILING ADDRESS | | | | |
| | | | | |

Page 2

{01391899.1}DECL-ASSIGN

PATENT REEL: 033552 FRAME: 0964

RECORDED: 08/18/2014