PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4447564

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| WATARU ENDO | 05/21/2015 |
| AYAKA IKEJIMA | 05/22/2015 |
| AKIRA YUKI | 05/22/2015 |
| MASATO TANBA | 05/22/2015 |

RECEIVING PARTY DATA

| Name: | KYOCERA DOCUMENT SOLUTIONS INC. |
|-----------------|---------------------------------|
| Street Address: | 1-2-28, TAMATSUKURI, CHUO-KU |
| City: | OSAKA |
| State/Country: | JAPAN |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14721458 |

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: 8087817933

Email: nfedde@hawaiipatents.com

Correspondent Name: NATHAN FEDDE

Address Line 1: 47-159-B OKANA RD

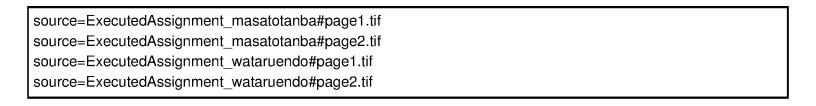
Address Line 4: KANEOHE, HAWAII 96744

| ATTORNEY DOCKET NUMBER: | HORI_26_MAY_2015_EW |
|-------------------------|---------------------|
| NAME OF SUBMITTER: | NATHAN FEDDE |
| SIGNATURE: | /Nathan Fedde/ |
| DATE SIGNED: | 06/07/2017 |

Total Attachments: 8

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PATENT 504400867 REEL: 042621 FRAME: 0013



PATENT REEL: 042621 FRAME: 0014

WHEREAS, I, the undersigned, having citizenship and mailing address as set forth below with the signature block ("ASSIGNOR"),

have invented or co-invented one or more inventions for which an application for a non-provisional Letters Patent of the United States, entitled "ARTICLE INFORMATION PROVIDING APPARATUS THAT PROVIDES INFORMATION OF ARTICLE, ARTICLE INFORMATION PROVIDING SYSTEM, AND ARTICLE INFORMATION PROVISION METHOD", is filled on or about the 26th day of May 2015 (said one or more inventions and said application hereinafter referred to individually and collectively as "INVENTIONS") and claiming priority to Japan patent application number 2014-108117 entitled "ARTICLE INFORMATION PROVIDING APPARATUS, ARTICLE INFORMATION PROVIDING SYSTEM, ARTICLE INFORMATION PROVISION METHOD, AND ARTICLE INFORMATION PROVIDING PROGRAM", which was filed on the 26th day of May 2014, and claiming priority to Japan patent application number 2014-197831 entitled "ARTICLE INFORMATION PROVIDING APPARATUS, ARTICLE INFORMATION PROVIDING SYSTEM, ARTICLE INFORMATION PROVIDING APPARATUS, ARTICLE INFORMATION PROVIDING PROGRAM", which was filed on the 29th day of September 2014,

WHEREAS, KYOCERA Document Solutions Inc., operating under the laws of the Japan, and having a place of business at 1-2-28, Tamatsukuri, Chuo-ku, Osaka-shi, Osaka, 540-8585 Japan (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire interest of ASSIGNOR therein;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, ASSIGNOR, hereby sell, assign, and transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under INVENTIONS and all divisions, renewals, and continuations thereof, and all patents of the United States which may be granted thereon and all reissues, reexaminations and extensions thereof; and all Patents of the United States which may be granted thereon and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for INVENTIONS in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from INVENTIONS under Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models and designs, which may be granted for INVENTIONS in any country or countries foreign to the United States and all extensions, renewals, reexaminations and reissues thereof;

KYOCERA Document Solutions Inc. Assignment

ASSIGNOR HEREBY authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

ASSIGNOR HEREBY grants Hawaii Patent Services the power to insert in this Assignment any further identification or information which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

ASSIGNOR HEREBY covenants and agrees that ASSIGNOR has full right to convey the entire interest herein assigned, and that ASSIGNOR has not executed, and will not execute, any agreement in conflict herewith.

ASSIGNOR HEREBY further covenants and agrees to communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known respecting INVENTIONS, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, reexamination and foreign applications, make all rightful oaths, and generally do everything possible to aid ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for INVENTIONS in all countries.

| Signed: | akly | Shi |
|---------|-------|-----|
| • | 0 000 | |

Printed name Akira YUKI

Citizenship Japan

Mailing Address 1-2-28, Tamatsukuri, Chuo-ku, Osaka-shi, Osaka, 540-8585 JAPAN

Date: 5/22/2015

CERTIFICATE OF ACKNOWLEDGMENT

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Signed:

Ayaka Ikejima

Printed name Ayaka IKEJIMA

Citizenship

Japan

Mailing Address 1-2-28, Tamatsukuri, Chuo-ku, Osaka-shi, Osaka, 540-8585 JAPAN

Date:

5/22/20/5

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| Signed: | Masato TANBA |
|-----------------|--|
| Printed name | Masato TANBA |
| Citizenship | Japan |
| Mailing Address | s 1-2-28, Tamatsukuri, Chuo-ku, Osaka-shi, Osaka, 540-8585 JAPAN |
| Date: | 5/22/2015 |
| | |

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| Signed: | Watgra Endo |
|--------------------------|--|
| Printed name | Wataru ENDO |
| Citizenship | Japan |
| Mailing Address Date: | 1-2-28, Tamatsukuri, Chuo-ku, Osaka-shi, Osaka, 540-8585 JAPAN 5/21/2015 |

CERTIFICATE OF ACKNOWLEDGMENT

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Page 2 of 2

PATENT REEL: 042621 FRAME: 0022

RECORDED: 06/07/2017