PATENT ASSIGNMENT

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| Kazuo FUSHIMI | 05/14/2009 |
| Tomohisa HAMANO | 05/14/2009 |

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12519202 |

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NAME OF SUBMITTER: John Richards

Total Attachments: 3

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> **PATENT** REEL: 022823 FRAME: 0919

| Practitioner's Docket No. | U 017763-7 | | | PATENT |
|---|--|-----------------------|--|----------------------------------|
| | | For: For: For: | [x] U.S. and/or [] For [x] U.S. Application or [] U.S. Provisional Application or [] U.S. Patent [] PCT Application Multiple Inventors | |
| ASSIGNN | MENT OF INVEN | NTION (M | ULTIPLE INVENTOR | RS) |
| In consideration of the pathe receipt of which is hereb | payment by ASSIC by acknowledged, a | NEE to A | SSIGNOR of the sum of er good and valuable con | One Dollar (\$1.00), sideration, |
| ASSIGNORS (Inventors): Kazuo FUSHIMI (type or print name of inventors) | | Address 1-1, Ichi | NIPPON PRINTING Co gaya-Kaga-Cho 1-Chom 62-8001 Japan, | Nationality |
| Tomohisa HAMANO (type or print name of inventors) | | Address 1-1, Ichi | NIPPON PRINTING Co gaya-Kaga-Cho 1-Chom 62-8001 Japan, | Nationality |
| (type or print name of inventors) | | Address | | Nationality |
| (type or print name of inventors) | | Address | | Nationality |
| (type or print name of inventors) | | Address | | Nationality |
| hereby sells, assigns and tra- | nsfers to | | | |
| ASSIGNEE | | | | |
| DAI NIPPON PRINTING O | CO., LTD. | | gaya-Kaga-Cho 1-Chom 62-8001 Japan | e Shinjuku-ku, |
| (type or print name of ASSIGNEE, |) | Address Nationalit | y JAPAN | · |

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and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

| an undi | vided | e and interest percent (%) interest nd its territorial possessions |
|-------------|--------------|---|
| | | (check the following box, if foreign rights are also to be assigned) |
| | | ountries, including all rights to claim priority, approvements which are disclosed in the invention entitled: |
| | | INFORMATION PROVIDING SYSTEM |
| Name of in | ventor(s) | Kazuo FUSHIMI and Tomohisa HAMANO |
| | | (check and complete (a), (b), (c), (d), (e), (f) or (g)) |
| and which i | s found in (| 37 C.F.R. ' 3.21) |
| (a) | [] | U.S. patent application executed on even date herewith |
| (b) | [] | U.S. patent application executed on |
| (c) | [] | U.S. provisional application naming the above inventor(s) for the above- |
| | | entitled invention. |
| | | [] Express mail label no.: |
| | | Mailed: |
| | [] | To comply with 37 C.F.R. 3.21 for recordal of this assignment, I, an |
| | | ASSIGNOR signing below, hereby authorize and request my attorney to |
| | | insert below the filing date and application number when they become known |
| (d) | [] | U.S. application no. |
| | F 3 | filed on |
| (e) | [x] | International application no. PCT/ <u>JP2007/071867</u> |
| (f) | [] | U.S. patent no issued A change of address to which correspondence is to be sent regarding |
| | | patent maintenance fees is being sent separately. |
| | | (also check (g), if foreign application(s) is also being assigned) |
| (g) | [] | and any legal equivalent thereof in a foreign country, including the right to claim priority |

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or reexamination thereof.

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ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

| Kazuo FUSHIMI (type name of Inventor) | Signature of INVENTOR | this May 14, 2009. date of signing |
|--|-----------------------|---------------------------------------|
| Tomohisa HAMANO (type name of Inventor) | Signature of INVENTOR | this May 14, 2009. date of signing |
| (type name of Inventor) | Signature of INVENTOR | this date of signing |
| (type name of Inventor) | Signature of INVENTOR | this date of signing |
| (type name of Inventor) | Signature of INVENTOR | this date of signing |

[] Notarization or Legalization Page Added.

RECORDED: 06/15/2009

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

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