PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
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| hiro Matsuda | 09/12/2011 |

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13251331 |

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Total Attachments: 1

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PATENT

REEL: 027004 FRAME: 0127

OF \$40.00 13251337

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U.S. ASSIGNMENT

| IN CONSIDERATION of the sum of One Doll Inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S)) TOSHIBA TEC KABUSHIKI KAISHA | ar (\$1.00), and of other good and valuable o | onsideration paid to the undersigned |
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| 2-17-2, Higashigotanda, Shinagawa-ku | u, Tokyo, 141-8664 Japan | |
| | | |
| (hereinafter, "ASSIGNEE"), the receipt of which is h ASSIGNEE the entire and exclusive right, title and in (Title of Invention) | ereby acknowledged, the undersigned ASSIGNO nterest to the invention entitled | OR hereby sells, assigns and transfers to |
| COMMODITY INFORMATIO | N READING APPARATUS | AND COMMODITY |
| INFORMATION READING | METHOD | |
| relating to International Patent Application PCT/JP_executed on even date herewith or, if not so executed | /and/or for which application for | r Letters Patent of the United States was |
| (a) executed on | (Insert date of execution of applica | atlon, if not concurrent) |
| (b) filed on October 3, 2011 Serial No. 13/251,331 | Assignee's attorney is hereby t | authorized to insert in (b) the specified |
| and to said application and all Letters Patent(s) of the substitute, reissue or reexamination application based including any extensions thereof (collectively, herein | thereon, for the full term or terms for which the safter, "said application(s) and Letters Patent(s)") | and Letters Patent(s) may be granted and |
| The ASSIGNOR agree(s), when requested by said which the ASSIGNEE may deem necessary, desirabl including in the preparation and prosecution of said a reexamination, or public use proceeding, and in any li acts to include but not be limited to executing all pap sworn testimony, and obtaining and producing evider | e or expedient, for securing, maintaining and ent ipplication(s) and the issuance of said Letters Pat tigation or other legal proceeding which may aris ers, including separate assignments and declarati | orcing protection for said invention, ent(s), in any interference, reissue, e or be declared in relation to same, such |
| IN WITNESS WHEREOF, the undersigned inven | tor(s) has (have) affixed his/her/their signature(s |). |
| 1) yoshihiro matenda | Yoshihiro MATSUDA | Sep. 12.2011 (Date) |
| (Signature) | (Type Name) | (Date) |
| 2)(Signature) | (Type Name) | (Date) |
| 3)(Signature) | (Type Name) | (Date) |
| 4)(Signature) | (Type Name) | (Date) |
| 5) (Signature) | (Type Name) | (Date) |
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PATENT REEL: 027004 FRAME: 0128

RECORDED: 10/03/2011