| Mail Stop: Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 |   | RECORDATION FORM COVER SHEET PATENTS ONLY U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office  Attorney Docket No. 132357 |  |  |  |  |  |  |  |
|---|---|---|--|--|--|--|--|--|--|
| Please record the attached document.  Total number of pages including cover sheet, attachments, and document: 2                     |   |   |  |  |  |  |  |  |  |
| 1.  | A. Name of conveying party:   |   | A. Name and address of receiving party:  |  |  |  |  |  |  |
|   | [1] Tomohisa SUZUKI  B. Additional name(s) of conveying part  | y(ies) attached?<br>s 🗵 No  | PIONEER KABUSHIKI KAISHA<br>4-1, MEGURO 1-CHOME<br>MEGURO-KU, TOKYO 153-8654<br>JAPAN              |  |  |  |  |  |  |
| 3.  | A. Nature of conveyance:  |   | B. Additional name(s) & address(es) attached?<br>☐ Yes ☑ No  |  |  |  |  |  |  |
|   | ✓ Assignment ☐ Mer   ☐ Security Agreement ☐ Char   ☐ Other  | ger<br>nge of Name  |  |  |  |  |  |  |  |
|   | B. Execution Date: [1] May 17, 200  | 7   |  |  |  |  |  |  |  |
| 4.  | A. Patent Application No.(s) 29/274,5   | 13  | B. Patent No.(s)   |  |  |  |  |  |  |
|   | Additional numbers attached?  |   |  |  |  |  |  |  |  |
|   | C. Title of Application: <u>DIGITAL AUDIO DISK PLAYER WITH TUNER AND AMPLIFIER</u>  |   |  |  |  |  |  |  |  |
| 5.  | Name and address of party to whom corresp concerning document should be mailed:   | ondence   | 6. Total number of applications and patents involved: 1  |  |  |  |  |  |  |
|   | Name: James A. Oliff  |   | 7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00. |  |  |  |  |  |  |
|   | Address: OLIFF & BERRIDGE, PLC<br>P.O. Box 19928<br>Alexandria, VA 22320<br>Phone Number: 703-836-6400<br>Fax Number: 703-836-2787                                    |   | Credit any overpayment or charge any underpayment to deposit account number 15-0461.               |  |  |  |  |  |  |
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| 9.  | Statement and signature.  To the best of my knowledge and belief, the document.  James A. Oliff Registration No. 27,075  James E. Golladay, II Registration No. 58,18 |   | e and correct and any attached copy is a true copy of the original  Date: May 29, 2007             |  |  |  |  |  |  |
|   |   |   |  |  |  |  |  |  |  |

PATENT REEL: 019357 FRAME: 0652

## ASSIGNMENT

|   |  |  | ASSIGNATE   | ATE   |  |  |  |
|---|--|--|---|---|--|--|--|
|   |  | (1) <u>T</u>   | omohisa SUZUKI  | (5)   |  |  |  |
| (1-8)   | Insert<br>Name(s)<br>of Inventor(s)  | (2)  | <u> </u>  | (6)   |  |  |  |
|   |  | (3)  | <u>.</u>  | (7)   |  |  |  |
|   |  | (4)  | <u></u>   | (8)   |  | <u> </u>   |  |
|   |  | paid to ear  | In consideration of the sui<br>ch of the undersigned, each u  | m of one dollar (\$1.00<br>indersigned agrees to  | )) and other good and va<br>assign, and hereby does  | luable consideration<br>assign, transfer and   |  |
| (9)   | Insert Name of<br>Assignee   | (9) PIONEER KABUSHIKI KAISHA   |   |   |  |  |  |
| (10)  | Insert Address of<br>Assignee  | • • •  |   |   |  |  |  |
|   |  | (hereinafte<br>the entire<br>invention,<br>continuati<br>extensions  | er designated as the Assignee) right, title and interest for the and in all applications for pat on, international, confirmation s, reissues and reexamination of   | and Assignce's heirs,<br>United States of Amer<br>ent including any and<br>n, substitute and reissu<br>certificates that may be   | successors, assigns and le<br>ica as defined in 35 U.S.0<br>all provisional, non-provi<br>e application(s), and all I<br>e granted on the invention        | gal representatives,<br>C. §100, in the<br>isional, divisional,<br>Letters Patent,<br>I known as                                 |  |
| (11)  | Insert<br>Identification   | (I1) <u>D</u>  | DIGITAL AUDIO DISK PLA  | YER WITH TUNER  | AND AMPLIFIER (DEH   | -P39001B)  |  |
|   | such as Title, Case<br>Number, or Foreign<br>Application Number  | _  |   |   | <u> </u>   |  |  |
|   |  | (Attorney  | Docket No.  | 132357  | <u> </u>   |  |  |
|   |  | n for patent in the Unite  | d States of America   |   |  |  |  |
| (12)  | Insert Date of   | (12) on  | May 17, 2007  |   |  |  |  |
|   | Signing of Application   | (12) (11   |   |   |  |  |  |
| (13)  | Alternative  | (13) U.S. application Serial 29/274,513  |   |   |  |  |  |
|   | Identification for filed applications  | filed _  |   |   |  |  |  |
| any app<br>the Ass<br>claims of<br>reexam:<br>Patents<br>full righ<br>and agr<br>identifi | olication or continuation or cignee in every way possible  3) Each undersigned agror provisions of the Internati  4) Each undersigned agrination a grant of a valid Un  5) Each undersigned aut of the United States resulting to convey the entire interces that this assignment is b  6) Each undersigned here | ees to execute division thereo in obtaining ees to execute ional Conventees to performated States pathorizes and reag from said a set herein assippinding on him eeby grants the | e all papers necessary in conn<br>of, or any patent or reissue ap-<br>evidence and going forward ver<br>e all papers and documents ar-<br>tion for Protection of Industri<br>n all affirmative acts which m | plication based there with such interference and perform any act what Property or similar may be necessary to old the U.S. Patent and Tagnee, as Assignee of cuted, and will not existing and legal representation. | on, for the invention, and agreements of air, maintain or confirm rademark Office to issue the entire interest, and concute, any agreements in sentatives. | d to cooperate with<br>connection with<br>m by reissue or<br>any and all Letters<br>ovenants that he has<br>a conflict herewith, |  |
|   | In witness whereof, execu  | uted by the u  | ndersigned on the date(s) o   | pposite the undersig  | ned name(s).   |  |  |
| Date  | May 17, 2007   |  | Inventor Signature  | _ Tomaliis  | ion Suzuki   | (SEAL)   |  |
| Date  |  |  |   |   |  | (SEAL)   |  |
| Date  |  |  |   |   |  |  |  |
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| Date  | mi data da a   |  | gned before: (a) a Notary Pul   |   |  |  |  |
|   | er, then it should be signed   | before at least  | t two witnesses who also sign   | here:   |  |  |  |
| Date  |  |  | <del>-</del>  |   |  |  |  |
| Date  |  |  | Witness _   |   |  |  |  |

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**RECORDED: 05/29/2007**