t of Commerce Form PTO-1595 RECORDATION FORM COVER SHEET PAT mark Office 102488856 Augmey Docket No. 107156-00192 Date: June 23, 2003 To the Assistant Commissioner of Patents Please record the attached original documents or copy thereof 2. Name and address of receiving party(ies): 1. Name of conveying party(ies) 1) Takahiro TOGASHI Name: PIONEER CORPORATION 2) Masataka YAMAGUCHI 3) Yoichi OKUMURA Address: 4-1, Meguro 1-chome, Meguro-ku, Tokyo, Japan Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No Additional name(s) & address(es) attached? ☐ Yes ☑ No 3. Nature of conveyance: Assignment ☐ Merger ☐ Change of Name ☐ Security Agreement ☐ Other Execution Date: 1), 3) May 27, 2003; 2) May 26, 2003 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 1), 3) May 27, 2003; 2) May 26, 10600768 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached?

Yes ⊠ No 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: document should be mailed: One Name: Arent Fox Kintner Plotkin & Kahn PLLC 7. Total fee (37 CFR 3.41)...... \$ 40.00 Street Address: 1050 Connecticut Avenue, N.W., Suite 400 Washington, D.C. 20036-5339 Any additional fees are authorized to be charged to deposit account 8. Deposit account number: 01-2300 (Attach duplicate copy of this page if paying by 06/24/2003 SDIRETA1 00000067 10600768 deposit account) 01 FC:8021 40.00 0 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

George E. Oram, Jr.

Reg. No. 27,931

Name of Person Signing

Total number of pages including cover sheet, attachments, and document: 2

June 23, 2003

Date

ARENT FOX KINTNER PLOTKIN & KAHN, PLLC

Nikaido, Marmelstein, Murray & Oram Intellectual Property Group

Docket No.	
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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by Pioneer Corporation of 4-1, Meguro 1-chome, Meguro-ku, Tokyo, (hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled "INFORMATION READ/WRITE MEDIUM" for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below: . Serial No. *filed on (Arent Fox Kintner Plotkin & Kahn, PLLC, Nikaido, Marmelstein, Murray & Oram Intellectual Property Group is hereby authorized to insert the serial code, serial number and/or filing date hereon, when known) and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted. The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient. The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). Takahiro TOGASHI (TYPE NAME) Masataka YAMAGUCHI 2003/5/26 (TYPE NAME) Yoichi OKUMURA 1003/5/27 vichi Okumura (TYPE NAME) (SIGNATURE) (DATE) (TYPE NAME) (SIGNATURE) (DATE) (TYPE NAME) (SIGNATURE) (DATE) (TYPE NAME) (SIGNATURE) (DATE) (TYPE NAME) (SIGNATURE)

NO LEGALIZATION REQUIRED

RECORDED: 06/23/2003

Insert

[Title of Invention]

[*If the assignment

is being filed after the

filing of the application, this section must be

completed]

[Signature(s)]

ASSIGNEE's Name(s) Address(es)]

> PATENT REEL: 014223 FRAME: 0530