06-09-2003



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Attorney Docket No. 107156-00187 Date: June 3, 2003

Please rec	To the Assistant Comm cord the attached origina	issioner of Patents al documents or copy thereof	70 U
1. Name of conveying party(ies) Kiyoshi TATEISHI Junichi FURUKAWA Additional name(s) of conveying party(ies) atta Yes No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other May 12, 2003/May 13, 2003		2. Name and address of receiving party(ies): Name: PIONEER CORPORATION Address: 4-1, Meguro 1-chome, Meguro-ku Tokyo, Japan Additional name(s) & address(es) attached? ☐ Yes ☑ No	16
A. Patent Application No.(s) 10452		sution date of the application is: May 12, 2003/May 13, 2003 B. Patent No.(s)	
Name and address of party to whom correspor document should be mailed:	ndence concerning	Total number of applications and patents involved: 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	☐ Included in attached check.	
Washington, D.C. 20036-5339		Any additional fees are authorized to be charged to deposit account	
/04/2003 LWOMDIM: 00000045 10452223 FC:8021 40.00 OP		Deposit account number: 01-2300 (Attach duplicate copy of this page if paying by deposit account)	
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George E. Oram, Jr.	CKCU	June 3, 2003	
Name of Person Signing Reg. No. 27,931		pages including cover sheet, attachments, and document: 2	
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ARENT FOX KINTNER PLOTKIN & KAHN, PLLC

Nikaido, Marmelstein, Murray & Oram Intellectual Property Group

Docket No.	
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U.S. ASSIGNMENT

Pioneer Corporat		
,	Meguro 1-chome, Meguro-ku	ı, Tokyo, Japan
hereby sells, assigns and transfer invention entitled	eceipt of which is hereby acknowledged, is to ASSIGNEE the entire and exclusive MATION RECORDING APPARATUS	right, title and interest to
for which application for Letters otherwise indicated below:	Patent of the United States was executed	on even date herewith unle
*filed on	, Serial No	
(Arent Fox Kintner Ploth Property Group is hereby author when known)	kin & Kahn, PLLC, Nikaido, Marmelstein, rized to insert the serial code, serial numbers	Murray & Oram Intellectuer and/or filing date herec
division, renewal, substitute, reissame may be granted. The ASSIGNOR agrees continuing, divisional, reissue	ed States to be obtained therefor on said apparent or reexamination thereof for the full to execute all papers necessary in connect or reexamination applications thereof ar	term or terms for which t tion with application and a nd also to execute separa
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The ASSIGNOR agrees litigation, or other legal proce continuation, division, reissue or and to cooperate with the ASSIC proceeding with such interference.	s to execute all papers necessary in connecteding which may be declared concerning reexamination thereof or Letters Patent or GNEE in every way possible in obtaining te, litigation, or other legal proceeding.	ection with any interferential this application or a reissue patent issued there and producing evidence a
The ASSIGNOR agrees litigation, or other legal proce continuation, division, reissue or and to cooperate with the ASSIC proceeding with such interference. IN WITNESS WHEREOF, the temperature of the such interference of t	s to execute all papers necessary in conneceding which may be declared concerning reexamination thereof or Letters Patent or GNEE in every way possible in obtaining the, litigation, or other legal proceeding.	ection with any interference ong this application or a reissue patent issued there and producing evidence a his/her/their signature(s).
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NO LEGALIZATION REQUIRED

RECORDED: 06/03/2003

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

[Title of Invention]

[*If the assignment is being filed after the filing of the application, this section must be completed}

[Signature(s)]

PATENT REEL: 014133 FRAME: 0755