FORM PTO-1595 (Rev. 6-93)



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

102124782 VER SHEET	
- TAIL	Attorney Docket No.: 041514-52554
To the Commissioner for Patents	
Please record the attached original documents or copy the	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Takanori MAEDA 6 - 5 - 02	Name: Pioneer Corporation
Additional names of conveying party(ies) attached? [ ] Yes [X] No	Internal Address:
3. Nature of conveyance:  [X] Assignment [ ] Merger	Street Address: 4-1, Meguro 1-chome, Meguro-ku, Tokyo, Japan City: State: Zip:
[ ] Security Agreement [ ] Change of Name [ ] Other	Additional name(s) & address(es) attached?
Execution Date: April 19, 2002	[ ]Yes [X] No
4. New Application number(s) or patent number(s): 10/091,345  If this document is being filed together with a new application the execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers attached: [ ] Yes [ ] No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: John G. Smith	7. Total fee (37 C.F.R. §3.41): _\$40.00  [ ] Enclosed  [X] Authorized to be charged to Deposit Account 50-0310
Internal Address: Morgan, Lewis & Bockius LLP Customer No. 09629  Street Address: 1111 Pennsylvania Avenue, N.W. City: Washington State: D.C. Zip: 20004	8. Deposit Account No. 50-0310  (Attach duplicate page if paying by deposit account)
City: Washington State: D.C. Zip: 20004  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	
Robert J. Goodel Roman 41, and for Robert J. Goodel Roman All Santa Roman Robert St. Goodel Roman Robert J. Goodel R	June 5, 2002  Date  number of pages including cover sheet, attachments and documents: 3
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**PATENT REEL: 12979 FRAME: 0325**  In consideration of the sum of ten dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree to assign, and hereby do assign, transfer, and set over to:

Pioneer Corporation

whaving the address:

4-1, Meguro 1-chome, Meguro-ku, Tokyo, Japan

(hereinafter designated as the "ASSIGNEE") the entire right, title, and interest for the United States and all foreign countries (including protection in foreign countries via the Patent Cooperation Treaty), in the invention, and all applications for patent and any Letters Patent which may be granted therefor, the application being known by the Title:

## MULTI-LAYER INFORMATION RECORDING MEDIUM

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

filed on_	March 6 , 2002
serial No.	10/091,345

- 1. The undersigned agree to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.
- 2. The undersigned agree to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the ASSIGNEE in every way possible in obtaining evidence and going forward with such interference.
- 3. The undersigned agree to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial property or similar agreements.
- 4. The undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.

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5. The undersigned hereby authorize and request the commissioner of Patents in the Unite States and the appropriate national or regional authority in each foreign country to issue any and all Letters Patents resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE, as ASSIGNEE of the entire interest, and hereby covenants that they have full right to convey the entire interest herein assigned, and that they have not executed and will not execute, any agreement in conflict herewith.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned names.

The undersigned hereby authorize the firm of

MORGAN LEWIS at the address of 1111 Pennsylvania Avenue, N.W., Washington, D.C. 20004, U.S.A.

to insert hereon any further identification necessary or desirable for recordation of this document.

Apr 19. 2002

Date

Typed Name: Takanori MAEDA