

PATENT ASSIGNMENT

Electronic Version v08
Stylesheet Version v02

SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	ASSIGNMENT OF ASSIGNOR'S INTEREST				
CONVEYING PARTY DATA					
Name		Execution Date			
Tomonori NAKADA		2005-06-30			
RECEIVING PARTY DATA					
Name	Street Address	Internal Address	City	State/Country	Postal Code
PIONEER CORPORATION	4-1, Meguro 1-chome, Meguro-ku,		Tokyo	JAPAN	153-8654
PROPERTY NUMBERS Total: 1					
Property Type		Number			
Application Number		11094514			
CORRESPONDENCE DATA					
FAX NUMBER: 2028870357 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO. CUSTOMER NUMBER: 023850					
NAME OF PERSON SIGNING:		Mel R. Quintos			
DATE SIGNED:		2005-08-16			
Total Attachments: 1 source=A050214asn.tif					

CH \$40.00 012340 11094514

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

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

4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654, Japan

(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:

(Title of Invention)

DISK UNIT

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

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

* filed on March 31, 2005, Serial No. 11/094,514.

(Armstrong, Kratz, Quintos, Hanson & Brooks, LLP 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, divisional, 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 the application and any continuation, 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, divisional, 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).

(Signatures)

TOMONORI NAKADA
(Signature)

Tomonori NAKADA
(Type Name)

JUNE 30, 2005
(Date)

(Signature)

(Type Name)

(Date)

(Signature)

(Type Name)

(Date)

(Signature)

(Type Name)

(Date)

(Signature)

(Type Name)

(Date)

(Signature)

(Type Name)

(Date)

NO LEGALIZATION REQUIRED

PATENT

RECORDED: 08/16/2005

REEL: 016406 FRAME: 0550