

## 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 |
|------------------|----------------|
| Yukio NUMAKAMI   | 2005-08-05     |
| Tetsuya KAWAHARA | 2005-08-05     |
| Motooki SUGIHARA | 2005-08-10     |
| Koji MATSUURA    | 2005-08-27     |
| Naoaki HORIUCHI  | 2005-08-10     |

## 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 | 11141711 |

## CORRESPONDENCE DATA

FAX NUMBER: 2028870357

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

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:

2005-09-06

Total Attachments: 1

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CH \$40.00 012340 11141711

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, 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:

**PROCESSING CONTROLLER, DATA PROCESSOR, PROCESSING  
CONTROLLING METHOD, PROGRAM THEREOF AND RECORDING  
MEDIUM STORING THE PROGRAM**

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

(Armstrong, Kratz, Quintos, Hanson & Brooks, LLP is hereby authorized to insert the serial code, serial number and/or filing date hereon, when known)

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.

(Signatures)

Aug. 5. 2005  
(Date)

August 5, 2005  
(Date)

Aug. 10, 2005  
(Date)

August 27, 2005  
(Date)

Aug. 10. 2005  
(Date)

(Date)

# PATENT

REEL: 016493 FRAME: 0972