

Attorney Docket No. 020234

06-17-2002

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PATENT OFFICE

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Commissioner for Patent. Please record the attached original documents or copy thereof.

Submission type XX New Resubmission (Non-Recordation)Document ID #: Correction of PTO ErrorReel # Frame # Corrective DocumentReel # Frame #

Conveyance type:

XX Assignment Security Agreement License Change of name Merger Other

Conveying Party (ies):

(Last, First, Middle Initial)

Execution Date

First party	Name:	HATANAKA, Masayuki	May 17, 2002
Second party	Name:	KAMADA, Jun	May, 17, 2002
Third party	Name:	HATAKEYAMA, Takahisa	May 17, 2002
Fourth party	Name:	HASEBE, Takayuki	May 17, 2002
Fifth party	Name:	KOTANI, Seigou	May 17, 2002
Sixth party	Name:	FURUTA, Shigeki	May 17, 2002
Seventh party	Name:	ANAZAWA, Takeaki	May 7, 2002
Eighth party	Name:	HIOKI, Toshiaki	April 26, 2002
Ninth party	Name:	KANAMORI, Miwa	April 26, 2002
Tenth party	Name:	HORI, Yoshihiro	April 26, 2002

Additional name(s) of conveying party(ies) attached? Yes No XX

Receiving Party (ies):

First party	Name:	FUJITSU LIMITED
	Address:	1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan
Second party	Name:	NIPPON COLUMBIA CO. LTD.
	Address:	14-14, Akasaka 4-chome, Minato-ku, Tokyo 107-8011 Japan
Third party	Name:	SANYO ELECTRIC CO., LTD.
	Address:	5-5, Keihanhondori 2-chome, Moriguchi-shi, Osaka 570-8677 Japan

Additional name(s) & address(es) attached? Yes No XX

Domestic Representative Name and Address

Armstrong, Westerman & Hattori, LLP

Suite 1000, 1725 K Street

Washington, D.C. 20006

(202) 659-2930



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PATENT TRADEMARK OFFICE

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PATENT
REEL: 012980 FRAME: 0745

Correspondent Name and Address

ARMSTRONG, WESTERMAN & HATTORI, LLP
1725 K Street, N.W., Suite 1000
Washington, D.C. 20006

Telephone: 202-659-2930

Pages Enter the total number of pages of the attached conveyance document: 6
(including any attachments, but not counting cover sheets)

Application Number(s) or Patent Number(s) Additional numbers attached? Yes ☐ No ☒

A. Patent Application No.(s)

B. Patent No.(s)

10/069,118

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: _____
(Do not recite both application and patent numbers.)

Patent Cooperation Treaty (PCT)

Enter PCT application number only if
a U.S. Application Number has not been assigned

PCT _____

PCT _____

PCT _____

Number of Properties Enter the total number of properties involved: 1

Fee Amount

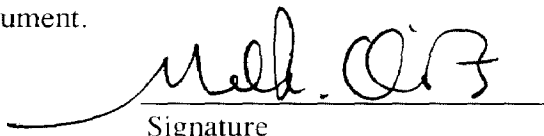
Fee Amount for Properties Listed (37 CFR 3.41). \$40.00

XX Enclosed____ Authorized to be charged to Deposit Account No.: 01-2340**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.

Mel R. Quintos

Name of Person Signing


SignatureJune 11, 2002

Date

31,898

Registration No.

Rev. 11/00

MRQ/jaz

ATTORNEY DOCKET NO.

P806-698-A020234

ASSIGNMENT

Application No. _____

Filed _____

Insert Name(s) of Inventor(s) ➡ WHEREAS, Masayuki HATANAKA, Jun KAMADA, Takahisa HATAKEYAMA,
Takayuki HASEBE, Seigou KOTANI, Shigeki FURUTA, Takeaki ANAZAWA,
Toshiaki HIOKI, Miwa KANAMORI and Yoshihiro HORI

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in _____

Insert Title of Invention ➡ Data Reproduction Apparatus and Data Reproduction Module

for which an application for Letters Patent of the United States of America has been executed by the undersigned under 35 U.S.C. 371 resulting from the International Application No. PCT/JP00/05832; filed August 29, 2000,

Insert Date of Signing of Application ➡ on April 26, 2002; May 7, 2002; and May 17, 2002; and

Insert Name of Assignee ➡ WHEREAS, (1) FUJITSU LIMITED, (2) NIPPON COLUMBIA CO., LTD.,
(3) SANYO ELECTRIC CO., LTD.

Insert Address of Assignee ➡ of (1) 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa
211-8588 Japan; (2) 14-14, Akasaka 4-chome, Minato-ku, Tokyo 107-8011
Japan; (3) 5-5, Keihanbondori 2-chome, Moriguchi-shi, Osaka 570-8677 Japan

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

CHECK BOX IF APPROPRIATE ➡ ☒ in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

PATENT
REEL: 012980 FRAME: 0747

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letters Patent(s) 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.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Armstrong, Westerman & Hattori, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

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

Date	<u>May 17, 2002</u>	Name of Inventor	<u>Masayuki Hatanaka</u> Masayuki HATANAKA
Date	<u>May 17, 2002</u>	Name of Inventor	<u>Jun Kamada</u> Jun KAMADA
Date	<u>May 17, 2002</u>	Name of Inventor	<u>Takahisa Hatakeyama</u> Takahisa HATAKEYAMA
Date	<u>May 17, 2002</u>	Name of Inventor	<u>Takayuki Hasebe</u> Takayuki HASEBE
Date	<u>May 17, 2002</u>	Name of Inventor	<u>Seigou Kotani</u> Seigou KOTANI
Date	<u>May 17, 2002</u>	Name of Inventor	<u>Shigeki Furuta</u> Shigeki FURUTA
Date	_____	Name of Inventor	_____ Takeaki ANAZAWA
Date	_____	Name of Inventor	_____ Toshiaki HIOKI
Date	_____	Name of Inventor	_____ Miwa KANAMORI
Date	_____	Name of Inventor	_____ Yoshihiro HORI

ATTORNEY DOCKET NO.

P806-698-A020234

ASSIGNMENT

Application No. _____

Filed _____

Insert Name(s)
of Inventor(s) ➡

WHEREAS, Masayuki HATANAKA, Jun KAMADA, Takahisa HATAKEYAMA,
Takayuki HASEBE, Seigou KOTANI, Shigeki FURUTA, Takeaki ANAZAWA,
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(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in _____

Insert Title
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Data Reproduction Apparatus and Data Reproduction Module

for which an application for Letters Patent of the United States of America has been executed by the undersigned under 35 U.S.C. 371 resulting from the International Application No. PCT/JP00/05832; filed August 29, 2000,

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Japan; (3) 5-5, Keihanbondori 2-chome, Moriguchi-shi, Osaka 570-8677 Japan

CHECK BOX
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its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and
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NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

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PATENT
REEL: 012980 FRAME: 0749

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

Date _____	Name of Inventor _____ Masayuki HATANAKA
Date _____	Name of Inventor _____ Jun KAMADA
Date _____	Name of Inventor _____ Takahisa HATAKEYAMA
Date _____	Name of Inventor _____ Takayuki HASEBE
Date _____	Name of Inventor _____ Seigou KOTANI
Date _____	Name of Inventor _____ Shigeki FURUTA
Date <u>May 7, 2002</u>	Name of Inventor _____  Takeaki ANAZAWA
Date _____	Name of Inventor _____ Toshiaki HIOKI
Date _____	Name of Inventor _____ Miwa KANAMORI
Date _____	Name of Inventor _____ Yoshihiro HORI

ATTORNEY DOCKET NO.

P806-698-A020234

ASSIGNMENT

Application No. _____

Filed _____

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Date _____	Name of Inventor _____ Takahisa HATAKEYAMA
Date _____	Name of Inventor _____ Takayuki HASEBE
Date _____	Name of Inventor _____ Seigou KOTANI
Date _____	Name of Inventor _____ Shigeki FURUTA
Date _____	Name of Inventor _____ Takeaki ANAZAWA
Date <u>April 26, 2002</u>	Name of Inventor <u>Toshiaki HIOKI</u> Toshiaki HIOKI
Date <u>April 26, 2002</u>	Name of Inventor <u>Miwa KANAMORI</u> Miwa KANAMORI
Date <u>April 26, 2002</u>	Name of Inventor <u>Yoshihiro HORI</u> Yoshihiro HORI