

12-08-2004



FOR RECORDATION

FILE NO. 10/998649
Atty. Docket: 01272.102938

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Send the attached original documents or copy thereof.

1. Name of conveying party: **102896488**
1) HIROMITSU YAMAGUCHI
2) SATOSHI WADA
3) MAKOTO AKAHIRA

Name and address of receiving party:

Name: CANON KABUSHIKI KAISHA

Foreign Address: 3-30-2, Shimomaruko, Ohta-ku,

Tokyo, Japan

Domestic Address: _____

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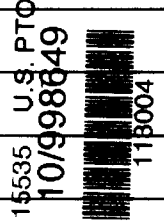
Additional name(s) & address(es) attached? Yes No

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

11/30/04

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: 1) and 2) November 24, 2004 and 3) November 29, 2004



4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: November 24, 2004 and November 29, 2004

A. Patent Application Number: Unassigned
Filing Date: November 30, 2004

B. Title of Invention:
RECORDING APPARATUS AND RECORDING METHOD THEREOF, AND PROGRAM

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

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6. Number of applications and patents involved:

One

7. Total fee (37 CFR 3.41): . . . \$ 40.00

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number (for deficiency or excess)

06-1205

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or is a true copy of the original document.

12/07/2004 DBYRNE 00000124 10998649

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Name of Person Signing

Mark W. Cella
Signature

November 30, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 3

JOINT
(BEFORE APPLICATION FILED)**ASSIGNMENT****FOR VALUE RECEIVED, WE Hironitsu YAMAGUCHI,
Satoshi WADA and Makoto AKAHIRA**citizens of **Japan**hereby sell, assign, transfer and convey unto **CANON KABUSHIKI KAISHA**a corporation of **Japan**having a place of business at **3-30-2, Shimomaruko, Ohta-ku, Tokyo, Japan**

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title, and interest, for all countries, in and to certain inventions relating to

**RECORDING APPARATUS AND RECORDING METHOD THEREOF, AND
PROGRAM**

and described in an application for Letters Patent of the United States which is filed concurrently herewith and was executed by us, respectively, in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues and extensions thereof, and all applications for Letters Patent or other grants of protection of proprietary rights including, but not limited to, inventor's certificate, utility model, utility certificate, patent of importation, registration of patent and industrial design registration which may be filed, and which may be granted, upon said inventions in any countries or regions foreign to the United States, and all reissues, renewals and extensions thereof; and we hereby authorize and request the Commissioner for Patents and Trademarks of the United States, and all officials of countries or regions foreign to the United States having authority to do so, to issue all such Letters Patent or other grants of protection upon said inventions to the Assignee or to such nominees as it may designate.

AND we authorize and empower the said Assignee or nominees to invoke and claim for any application for such Letters Patent or other grants of protection for said inventions filed by it or them, the benefit of the right of priority provided by the international Convention for the Protection of Industrial Property, as amended, or by a convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

AND we hereby consent that a copy of this assignment shall be deemed a full and formal equivalent of any assignment, consent to file or like document which may be required in any country or region for any purpose and more particularly in proof of the right of the said Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

AND we hereby covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

AND we hereby covenant and agree that we will communicate to said Assignee or nominees all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining, and enforcing all lawful patent or other grants of protection of said inventions in any and all countries and regions.

By: Hironimitsu Yamaguchi
Hironimitsu YAMAGUCHI

Date: November 24, 2004

By: Satoshi Wada
Satoshi WADA

Date: November 24, 2004

By: Makoto Akahira
Makoto AKAHIRA

Date: November 29, 2004
with 24