| | 6-10-05 ALDS8 1110 | 1006 Pools PCT/ 72 10 MN 2009 | |
|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--|
| E | | 2-27-2005 | |
| 1-3 | 1.01 | Attr. Doulrots 02500 017000 | |
| 101 | To the Director, U.S. Patent and Trademark | locuments or copy thereof. | |
| 1. | Name of conveying party(ies): | 03144511 eiving party(ies): | |
| | (1) MINORU WATANABE (2) MASAKAZU MORISHITA (3) CHIORI MOCHIZUKI (4) TAKAMASA ISHII (5) KEIICHI NOMURA | Name: CANON KABUSHIKI KAISHA Foreign Address: 3-30-2, Shimomaruko, Ohta-ku, Tokyo, Japan | |
| | Additional name(s) of conveying party(ies) attached? Yes X No | Domestic Address: | |
| 3. | Nature of conveyance: X Assignment | City: State ZIP Additional name(s) & address(es) attached? Yes X No | |
| (3) | May 27, 2005, (4) May 30, 2005 and (5) May 27, 2005 | | |
| | Application number(s) or patent number(s): If this document is being filed together with a new application, to 2005, May 27, 2005, May 30, 2005 and May 27, 2005, respective structures of the property of the | | |
| Filing Date: February 10, 2004 | | | |
|)5 FC: | A d distance and a decade a do | Yes X No | |
| 5. | Name and address of party to whom correspondence concerning document should be mailed: | 6. Number of applications and patents involved: | |
| | Name: Fitzpatrick, Cella, Harper & Scinto | One | |
| | 30 Rockefeller Plaza | 7. Total fee (37 CFR 3.41): \$ 40.00 | |
| | New York, New York 10112-3801 | X Enclosed Authorized to be charged to deposit account | |
| | Telephone No.: (212) 218-2100 | 8. Deposit account number (for deficiency or excess) | |
| | Facsimile No.: (212) 218-2200 | O6-1205 (Attach duplicate copy of this page if paying by deposit account): | |
| DO NOT USE THIS SPACE | | | |
| 9. | 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. | | |
| Leonard P. Diana (Reg. No. 29,296) Name of Person Signing Signature Date | | | |

NY_MAIN 505412v1

PATENT REEL: 017384 FRAME: 0714

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



CFO17900WOUS

JOINT (BEFORE APPLICATION FILED)

ASSIGNMENT

FOR VALUE RECEIVED, WE Minoru Watanabe, Masakazu Morishita, Chiori Mochizuki, Takamasa Ishii and Keiichi Nomura

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

SOLID STATE IMAGE PICKUP APPARATUS AND RADIATION IMAGE PICKUP APPARATUS

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.

Page 1 of 2

CFO17900WOUS

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: Minoru Watanabe Minoru Watanabe | Date: May 27, 2005 |
|---------------------------------------------|--------------------|
| By: Masakagu Morishila Masakazu Morishila | Date: May 31, 2005 |
| By: Chiori Modrizuki Chiori Mochizuki | Date: May 27, 2005 |
| By: Jakamasa (Jshi' Takamasa Ishii | Date: May 30, 2005 |
| By: <u>Keiichi homura</u> Keiichi Nomura | Date: May 27, 2005 |
| Ву: | Date: |
| Ву: | Date: |

Page 2 of 2

RECORDED: 06/10/2005