

10-28-2004



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To The Honorable Commissioner of Patents and Trademarks:  
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<p>1. Name of conveying party(ies):</p> <p><b>Kenji KYUMA</b> <b>Yoshihito HARADA</b></p> <p><i>10-20-04</i></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <b>Canon Kabushiki Kaisha</b> Address: <b>3-30-2, Shimomaruko, Ohta-ku</b> <b>Tokyo, Japan</b></p> <p>Additional name(s) &amp; addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment</p> <p><input type="checkbox"/> Other</p> <p>Execution Date(s): October 15, 2004</p>	<p>4. Patent Application number(s)</p> <p>Herewith</p> <p><i>10969487</i></p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <b>Morgan &amp; Finnegan, LLP</b> Address: <b>3 World Financial Center</b> <b>New York, New York 10281-2101</b> Telephone <b>212-415-8700</b> Facsimile <b>212-415-8701</b></p>	<p>6. Total number of applications involved: 1</p> <p>7. Total fee (37 CFR 3.41): \$40.00</p> <p><input checked="" type="checkbox"/> A check in the amount of \$40.00 is enclosed.</p> <p><input type="checkbox"/> Charge to Deposit Account No.13-4500, Order No. _____</p> <p><input checked="" type="checkbox"/> Charge any deficiencies to Deposit Account 13-4500, Order No. <u>1232-5539</u> A duplicate copy of this sheet is enclosed)</p>

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8. 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 original document.

Name of Person Signing	Signature	Date:
<b>Joseph A. Calvaruso</b>		October 19, 2004
Reg. No. 28,287	Total no. of pages including cover sheet, attachments and document: 3	

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**PATENT**  
**REEL: 015939 FRAME: 0013**

**JOINT**  
(BEFORE APPLICATION FILED)

*ASSIGNMENT*

FOR VALUE RECEIVED, WE **Kenji Kyuma and Yoshihito Harada**

citizens of **Japan**

residing, respectively, at **Kanagawa, Japan; Kanagawa, 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

**IMAGE DATA REDUCTION APPARATUS AND METHOD, PROGRAM,  
STORAGE MEDIUM, AND IMAGE SENSING 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.

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: Kenji Kyuma  
Kenji Kyuma

Date: 15/Oct./2004

By: Yoshihito Harada  
Yoshihito Harada

Date: 15/Oct./2004