

05-23-2002



Atty. Docket No. 1232-4727

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<p>1. Name of conveying party(ies): Eiichiro IKEDA Toshiaki ENDO Takaaki FUKUI</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): Name: Canon Kabushiki Kaisha Address: 3-30-2 Shimomaruko, Ohta-ku Tokyo, Japan</p> <p>Additional name(s) & addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Other</p> <p>Execution Date(s): September 20, September 21, September 25, 2001, respectively</p>	<p>4. Patent Application number(s) 09/891,017</p> <p>Execution Date(s): September 20, September 21, September 25, 2001, respectively</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: Morgan & Finnegan, LLP Address: 345 Park Avenue New York, NY 10154-0053 Tel: 212-758-4800 Fax: 212-751-6849</p>	<p>6. Total number of applications involved: 1</p> <p>7. Total fee (37 CFR 3.41): \$40.00</p> <p><input type="checkbox"/> Charge to Deposit Account No.: <u>13-4500</u>, Order No. _____</p> <p><input checked="" type="checkbox"/> Charge any deficiencies to Deposit Account <u>13-4500</u>, Order No. <u>1232-4727</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:
Joseph A. Calvaruso	<i>Joseph A. Calvaruso</i>	October 16, 2001
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JOINT
(AFTER APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, **Eiichiro Ikeda, Toshiaki Endo and Takaaki Fukui**

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 the United States, in and to certain inventions relating to

SIGNAL PROCESSING APPARATUS AND METHOD AND IMAGE SENSING APPARATUS

and described in an application for Letters Patent of the United States filed by us on **June 25, 2001** and which has been accorded Application No. **09/891,017** and in and to said application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted, thereon, and all reissues and extensions thereof, and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent upon said inventions to the Assignee or to such nominee as it may designate.

AND we authorize and empower the said Assignee or nominee to invoke and claim for any application for patent or other form 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 any convention which may hereinafter 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 legal and formal equivalent of any assignment, consent to file or like document which may be required in the United States for any purpose and more particularly in proof of the right of said Assignee or nominee 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 hereinafter 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 nominee all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all 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 nominee in obtaining, maintaining and enforcing all lawful patent protection for said inventions in the United States.

By Eiichiro Ikeda
Eiichiro Ikeda

Date September 20, 2001

By Toshiaki Endo
Toshiaki Endo

Date September 21, 2001

By Takaaki Fukui
Takaaki Fukui

Date September 25, 2001