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TRANS

DATION

Atty. Docket: 862.2219

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>1) Masashi KITANI, 2) Kunio SATOMI and 3) Shigeo KIKUCHI</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: <u>CANON KABUSHIKI KAISHA</u></p> <p>Foreign Address: <u>30-2, Shimomaruko 3-chome, Ohta-ku,</u> <u>Tokyo, Japan</u></p>
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<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: <u>1) April 1, 1998, 2) April 6, 1998, and</u> <u>3) April 2, 1998</u></p>	<p>Domestic Address: _____</p> <p>City: _____ State _____ ZIP _____</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>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: _____</p> <p>A. Patent Application Number: <u>09/037,008</u></p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>B. Patent Registration No. (s)</p>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Fitzpatrick, Cella, Harper & Scinto</u> <u>30 Rockefeller Plaza</u> <u>New York, New York 10112-3801</u></p> <p>Telephone No.: <u>(212) 218-2100</u></p> <p>Facsimile No.: <u>(212) 218-2200</u></p>	<p>6. Number of applications and patents involved: <u>One</u></p> <p>7. Total fee (37 CFR 3.41): . . . \$ <u>40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number (for deficiency or excess) <u>06-1205</u> (Attach duplicate copy of this page if paying by deposit account):</p>
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<p>9. Statement and signature.</p> <p><i>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.</i></p> <p><u>Scott D. Malpede, Reg. No. 32,533</u> <u><i>Scott D. Malpede</i></u> <u>August 17, 1998</u></p> <p>Name of Person Signing Signature Date</p> <p>Total number of pages including cover sheet, attachments, and documents: 3</p>		
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PATENT & TRADEMARK OFFICE

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page 1
JOINT
(AFTER APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, We, Masashi KITANI, Kunio SATOMI and
Shigeo KIKUCHI

citizens of Japan
residing respectively at

30-15, Konandai 8-chome, Konan-ku, Yokohama-shi,
Kanagawa-ken, Japan;
803-4, Shimoiidacho, Izumi-ku, Yokohama-shi,
Kanagawa-ken, Japan; and
74-56, Kariyacho 2-chome, Ushiku-shi, Ibaraki-ken, Japan

hereby sell, assign, transfer and convey unto Canon Kabushiki Kaisha
a corporation of Japan

having a place of business at

30-2, Shimomaruko 3-chome, 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

CLEANING METHOD AND CLEANING DEVICE AND CLEANING TOOL FOR
BOARD ELECTRICAL-TEST PROBES, AND BOARD ELECTRICAL-TEST DEVICE
AND METHOD

and described in an application for Letters Patent of the United States filed by us on March 9, 1998

and which has been accorded Application No. 09/037,008

and 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 we hereby
authorize and request the Commissioner for Patents and Trademarks of the United States to issue all Letters
Patent 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 patent or other form of protection for said inventions, 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 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 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 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 protection for said inventions in the United States.

By: Masashi Kitani Date: April 1, 1998
Masashi KITANI

By: Kunio Satomi Date: April 6, 1998
Kunio SATOMI

By: Shigeo Kikuchi Date: April 2, 1998
Shigeo KIKUCHI