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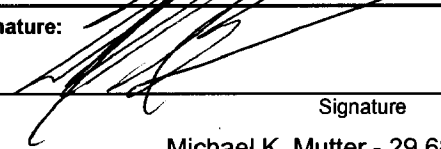


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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<b>1. Name of conveying party(ies):</b> Shunpei KAMEYAMA (7/12/2006) and Yoshihito HIRANO (7/12/2006)  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Name and address of receiving party(ies)</b> Name: <u>Mitsubishi Electric Corporation</u> Internal Address: _____ Street Address: _____ 7-3, Marunouchi 2-chome, Chiyoda-ku Tokyo 100-8310 JAPAN City: _____ State: _____ Country: _____ Zip: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>3. Nature of conveyance/Execution Date(s):</b> Execution Date(s): in parentheses after inventor name _____ <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	<b>4. Application or patent number(s):</b> <input checked="" type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>NEW</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: <u>Michael K. Mutter</u> <u>BIRCH, STEWART, KOLASCH &amp; BIRCH,</u> <u>LLP</u> Internal Address: <u>Atty. Dkt.: 0054-0321PUS1</u> Street Address: <u>8110 Gatehouse Road</u> <u>Suite 100 East</u> <u>P.O. Box 747</u>  City: <u>Falls Church</u> State: <u>VA</u> Zip: <u>22040-0747</u> Phone Number: <u>(703) 205-8000</u> Fax Number: <u>(703) 205-8050</u> Email Address: <u>mailroom@bskb.com</u>	<b>6. Total number of applications and patents involved:</b> <span style="border: 1px solid black; padding: 2px;">1</span>  <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41)</b> \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)  <b>8. Payment Information</b> a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number _____ Authorized User Name _____
<b>9. Signature:</b> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">             _____            Signature  <u>Michael K. Mutter - 29,680</u>            Name of Person Signing         </div> <div style="text-align: center;"> <u>August 9, 2006</u>            _____            Date         </div> </div> <div style="text-align: right; margin-top: 10px;">         Total number of pages including cover sheet, attachments, and documents: <span style="border: 1px solid black; padding: 2px;">2</span> </div>	

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ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, Shunpei KAMEYAMA and Yoshihito HIRANO

hereby sells, assigns and transfers to

MITSUBISHI ELECTRIC CORPORATION  
of 7-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

(i) the application for United States Letters Patent entitled DIFFERENTIAL ABSORPTION LIDAR APPARATUS

which was executed by the undersigned on the dates indicated below  
or was filed on \_\_\_\_\_ and accorded Serial No. \_\_\_\_\_  
(hereinafter called the Application);

(ii) any and all inventions and improvements which are described in the Application;

(iii) any and all United States Letters Patents which may be granted on the Application (hereinafter called Patent);

(iv) any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and

(v) all benefits under the International Convention for the Protection of Industrial Property.

Said Assignee of said patent application and the attorneys appointed to prosecute said patent application are authorized to insert in this instrument the filing date and serial number of said application.

The Commissioner of Patents and Trademarks is authorized to issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.

INVENTOR(S):  
(Shunpei KAMEYAMA) Shunpei Kameyama  
(Yoshihito HIRANO) Yoshihito Hirano

DATE  
June 12, 2006  
June 12, 2006