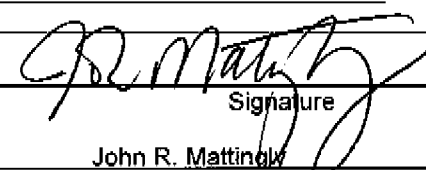


Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

<p>1. Name of conveying party(ies) Yasuo SAKUTA</p> <p>Additional name(s) of conveying party(ies) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>3. Nature of conveyance/Execution Date(s): Execution Date(s) <u>February 17, 2006</u></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"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 0424, Confirmatory License <input type="checkbox"/> Other _____</p>	<p>2. Name and address of receiving party(ies) Name: <u>Hitachi Communication Technologies, Ltd.</u> Internal Address: _____</p> <hr/> <p>Street Address: <u>26-3, Ohi 6-chome</u> <u>Shinagawa-ku</u> City: <u>Tokyo</u> State: _____ Country: <u>Japan</u> Zip: _____</p> <p>Additional Name(s) & Addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application.</p> <p>A. Patent Application No.(s) <u>10/758,211</u></p> <p>B. Patent No.(s)</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>6. Total number of applications and patents involved: _____</p> <p>7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u></p> <p><input checked="" type="checkbox"/> Authorized to be charged by credit card <input type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)</p>
<p>5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Mattingly, Stanger, Malur & Brundidge, P.C.</u> Internal Address: _____</p> <hr/> <p>Street Address: <u>1800 Diagonal Road</u> <u>Suite 370</u> City: <u>Alexandria</u> State: <u>Virginia</u> Zip: <u>22314</u> Phone Number: <u>703-684-1120</u> Fax Number: <u>703-684-1157</u> Email Address: _____</p>	<p>8. Payment Information</p> <p>a. Credit Card Last 4 Numbers <u>1006</u> Expiration Date <u>08/2009</u></p> <p>b. Deposit Account Number _____ Authorized User Name _____</p>
<p>9. Signature: <u></u> February 28, 2006 Signature Date</p> <p><u>John R. Mattingly</u> Total number of pages including cover Name of Person Signing Sheet, attachments, and documents: <u>4</u></p>	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

OP \$40.00 10758211

USPT

ASSIGNMENT

WHEREAS, Hitachi, Ltd. is a joint owner with Hitachi Communication Technologies, Ltd., by assignment, of the following US patent application:

<u>Serial Number</u>	<u>Filing Date</u>	<u>First Named Inventor</u>
10/758,211	January 16, 2004	K. Takeuchi

WHEREAS, Hitachi Communication Technologies, Ltd., a corporation organized under the laws of Japan, having its place of business at 26-3, Ohi 6-chome, Shinagawa-ku, Tokyo, Japan, is desirous of acquiring the entire right, title and interest in, to and under the inventions which are at least covered by the US patent application as listed above, as now owned by Hitachi, Ltd. and Hitachi Communication Technologies, Ltd. and thereby become a sole owner of the inventions which are at least covered by the US patent application as listed above,

NOW, THEREFORE, for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, the said Hitachi, Ltd. has sold, assigned, transferred and set over and does hereby sell, assign, transfer and set over to the said Hitachi Communication Technologies, Ltd., its entire right, title and interest in the said inventions, including applications for Letters Patents for which benefit under 35 U.S.C. § 120 has been claimed in the US patent application listed above, any continuations and divisions thereof and any Letters Patent issued or issuing thereon, and any reissue or reissues of said Letters Patents which may be granted, the same to be held and enjoyed by said Hitachi Communication Technologies, Ltd. for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, or other legal representatives, to the end of the term for which said Letter Patents of the United States are granted or reissued as fully and entirely as the same would have been held and enjoyed by the said Hitachi, Ltd. and said Hitachi Communication Technologies, Ltd., if this assignment and sale had not been made.

Date: 02/17/2006
45

Hitachi, Ltd.

X Yasuo Sakuta
By: Yasuo SAKUTA, Patent Attorney
Title: Vice President and Executive Officer
Intellectual Property Group
(Authorized Signing Officer)