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

# RECORDATION FORM COVER SHEET PATENTS ONLY

500.34763CX4

**1. Name of conveying party(ies)**

HITACHI, LTD.

Additional name(s) of conveying party(ies) attached ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) **March 15, 2007**☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Joint Research Agreement☐ Government Interest Assignment☐ Executive Order 0424, Confirmatory License☐ Other \_\_\_\_\_**2. Name and address of receiving party(ies)**Name: **HITACHI COMMUNICATION TECHNOLOGIES, LTD.**

Internal Address: \_\_\_\_\_

Street Address: **26-3, Minamiohi 6-chome, Shinagawa-ku**

City: \_\_\_\_\_

State: \_\_\_\_\_

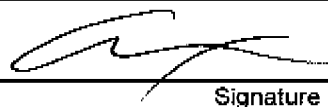
Country: **Tokyo, JAPAN** Zip: \_\_\_\_\_Additional Name(s) & Addresses attached? ☐ Yes ☒ No**4. Application or patent number(s):**☐ This document is being filed together with a new application.

A. Patent Application No. (s)

B. Patent No. (s)

**Serial No. 10/023,736, filed December 21, 2001**Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: **MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.**

Internal Address: \_\_\_\_\_

Street Address: **1800 Diagonal Road - Suite 370**City: **Alexandria**State: **Virginia** Zip: **22314**Phone Number: **703) 684-1120**Fax Number: **703) 684-1157**Email Address: **cbrundidge@msmbpatentlaw.com****6. Total number of applications and patents involved:** \_\_\_\_\_**7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00**☒ Authorized to be charged by credit card☒ Authorized to be charged to deposit account☒ Enclosed☐ None required (government interest not affecting title)**8. Payment Information**a. Credit Card Last 4 Numbers **1001**Expiration Date **08/09**b. Deposit Account Number **60-1417**Authorized User Name **Carl I. Brundidge****9. Signature:**


Signature

**March 21, 2007**

Date

**Carl I. Brundidge, Reg. No. 29,621**

Name of Person Signing

Total number of pages including cover

Sheet, attachments, and documents: **5**

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 10023736

**ASSIGNMENT**

WHEREAS, HITACHI, LTD., is the exclusive owner, by assignment, of the applications for Letters Patent of the United States of America and Letters Patents as listed in the attached APPENDIX A

WHEREAS, **HITACHI COMMUNICATION TECHNOLOGIES, LTD.**, a corporation organized under the laws of Japan, having its place of business at 26-3, Minamiohi 6-chome, Shinagawa-ku, Tokyo, Japan, is desirous of acquiring the entire right, title and interest in, to and under the said applications for Letters Patents and Letters Patents, and the inventions covered thereby, as now owned by HITACHI, LTD.


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.**, the entire right, title and interest in the said inventions, said applications for Letters Patents and any Letters Patents which may be granted thereon and said Letters Patents, 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 their own use and enjoyment, and for the use and enjoyment of their successors, assigns, or other legal representatives, to the end of the term for which said Letters 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., if this assignment and sale had not been made.

Executed this 15<sup>th</sup> day of March, 2007.

HITACHI, LTD.



Hiroyuki HIRAYAMA  
Corporate Officer  
Managing Director, Intellectual Property Group  
(Authorized Signing Officer)

**APPENDIX A**

<b>Our Ref &amp; Your Ref</b>	<b>Patent No.</b>	<b>Issue Date</b>	<b>Serial No.</b>	<b>Filing Date</b>
500.34763CX3	7,154,875	12/26/2006	10/023,737	12/21/ 2001
500.34763CX4			10/023,736	12/21/ 2001
500.33482CX5			10/614,796	7/9/2003
ASA-690-04			11/300,354	12/15/2005
ASA-761-04			10/869,920	6/18/2004
H-621-03			10/834,001	4/29/2004

