

Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005)		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office Attorney Docket No. 500.44249X00	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Hitachi, Ltd. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies) Name: Hitachi Consumer Electronics Co., Ltd. Street Address: 2-1, Otemachi 2-chome, Chiyoda-ku, Tokyo, Japan. Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of conveyance/ Execution Date: March 17, 2010. <input 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 9424, Confirmatory License <input checked="" type="checkbox"/> Other, Corrected Assignment. In the Original Cover Sheet, the assignor's name is misspelled. Reel 024199 Frame: 0452.					
4. Application number(s) or patent number(s): A. Patent Application No.(s) 10/506,428; 11/931,908; 11/931,978; 11/932,071; and 11/932,110		<input type="checkbox"/> This document is being filed together with a new application. B. Patent Registration No.(s)			
		Additional number(s) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP Internal Address: 1300 NORTH 17TH STREET - SUITE 1800 City: ARLINGTON State: VA Zip 22209 Phone Number: (703) 312-6600 Facsimile Number: (703) 312-6666 Email Address: email@antonelli.com		6. Total number of applications and patents involved: 5 7. Total fee (37 CFR 3.41)..... \$ 200.00 <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)			
		8. Payment Information: a. Credit Card Last 4 numbers: Expiration date: b. Deposit account number: 01-2135 Authorized User Name:			
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9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>					
Paul J. Skwlarawski, Reg#32,173 _____ Name of Person Signing		Paul J. Skwlarawski <i>PJS</i> _____ Signature		06/29/2010 _____ Date	
Total number of pages including cover sheet, attachments, and document: 6					

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

ANTONELLI, TERRY, STOUT & KRAUS, LLP COMPANY:1300 NORTH 17TH STREET - SUIT

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Form PTO-1515 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) RECORDATION FORM COVER SHEET PATENTS ONLY U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

Patent Docket No. 600,442,40X00

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

1. Name of conveying party(ies): Hitachi, Ltd. Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies) Name: Hitachi Consumer Electronics Co., Ltd. Street Address: 2-1, Otomachi 2-chome, Chiyoda-ku, Tokyo, Japan

3. Nature of conveyance/ Execution Date: March 17, 2010. Assignment Merger Security Agreement Change of Name Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory Licenses Other.

City: State: Zip: Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s): A. Patent Application No.(s) 10/506,428; 11/031,906; 11/931,878; 11/032,071; 11/932,110

This document is being filed together with a new application. B. Patent Registration No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed: Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP Internal Address: 1300 NORTH 17TH STREET - SUITE 1800 City: ARLINGTON State: VA Zip: 22209 Phone Number: (703) 312-8600 Facsimile Number: (703) 312-8666 Email Address: email@antonelli.com

6. Total number of applications and patents involved: 5 7. Total fee (37 CFR 3.41): \$200.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting fee) 8. Payment information: a. Credit Card Last 4 numbers: Expiration date: b. Deposit account number: 01-2136 Authorized User Name:

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B. 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 the original document.

Paul J. Stawarswid, Reg#32,173 Name of Person Signing

Paul J. Stawarswid Signature

04/07/2010 Date

Total number of pages including cover sheet, attachments, and document: 2

Documents to be recorded (including cover sheet) should be filed to (671) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1480, Alexandria, VA 22313-1480

FILED 04/07/2010 PM 01:13:55 TORONTO

:ANTONELLI, TERRY, STOUT & KRAUS, LLP COMPANY:1300 N. 17TH STREET

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

**06/29/2010
 501218907**

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the assignor's name is misspelled, previously recorded on Reel 024199 Frame 0452. Assignor(s) hereby confirms the Assignment.

CONVEYING PARTY DATA

Name	Execution Date
Hitachi, Ltd.	03/17/2010

RECEIVING PARTY DATA

Name:	Hitachi Consumer Electronics Co., Ltd.
Street Address:	2-1, Otemachi 2-chome
Internal Address:	Chiyoda-ku
City:	Tokyo
State/Country:	JAPAN

PROPERTY NUMBERS Total: 5

Property Type	Number
Application Number:	10506428
Application Number:	11931908
Application Number:	11931978
Application Number:	11932071
Application Number:	11932110

CORRESPONDENCE DATA

Fax Number: (703)312-6668
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 7033126600
 Email: rperez@antonelli.com
 Correspondent Name: Antonelli, Terry, Stout & Kraus, LLP
 Address Line 1: 1300 N. 17th Street
 Address Line 2: Suite 1800
 Address Line 4: Arlington, VIRGINIA 22209

ATTORNEY DOCKET NUMBER:	500.44249X00
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OP \$200.00 10506428

:ANTONELLI, TERRY, STOUT & KRAUS, LLP COMPANY:1300 N. 17TH STREET

NAME OF SUBMITTER:	Paul J. Skwierawski
Total Attachments: 1 source=Assignment#page1.tif	

PATENT

W/1876-01 et al

ASSIGNMENT

WHEREAS, Hitachi, Ltd. is the sole owner, by assignment, of the following application for Letters Patent of the United States of America and/or Letters Patent: U.S. Serial No. 10/506,428; U.S. Serial No. 11/931,908; U.S. Serial No. 11/931,978; U.S. Serial No. 11/932,071; and U.S. Serial No. 11/932,110

WHEREAS, Hitachi Consumer Electronics Co., Ltd., a corporation organized under the laws of Japan, having its place of business at 2-1, Otemachi 2-chome, Chiyoda-ku, Tokyo, Japan, is desirous of acquiring the sole right, title and interest in, to and under the inventions now owned solely by Hitachi, Ltd. which is covered by the aforementioned application for Letters Patent and/or Letters Patent.

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 Consumer Electronics Co., Ltd., its entire right, title and interest in the said inventions, and any reissue or reissues of said Letters Patents which may be granted, any continuations and divisions thereof and any Letters Patent issued or issuing thereon, the same to be held and enjoyed by said Hitachi Consumer Electronics Co., 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 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.

Hitachi, Ltd.

Date: March 17, 2010



 Kensuke OKA
 Corporate Officer
 Managing Director
 Intellectual Property Group
 (Authorized Signing Officer)