

06/17/2011



Form PTO-1595  
(Rev. 10/02)  
OMB No. 0651-0027 (exp. 6/30/2005)

103627433

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

Attorney Docket No. 501.10383G00

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, Otemachi 2-chome, Chiyoda-ku

City: Tokyo State: Japan

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance/ Execution Date: May 12, 2011

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 8424 Confirmatory License  
☒ Other

## 4. Application number(s) or patent number(s):

A. Patent Application No.(s)

See attached list

☐ This document is being filed together with a new application.

B. Patent Registration No.(s)

See attached list

Additional number(s) attached ☒ Yes ☐ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: ANTONELLI, TERRY, STOUT &amp; KRAUS, LLP

Internal Address:

1300 NORTH 17<sup>TH</sup> 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

7. Total fee (37 CFR 3.41)..... \$

- ☒ 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: 1107  
Expiration date: 06/14

b. Deposit account number: 01-2135

Authorized User Name: Paul J. Skwierawski

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## 9. 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.

Alan E. Schlavelli

Name of Person Signing

Signature

06/3/2011

Date

Total number of pages including cover sheet, attachments, and document: 4

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

PATENT

REEL: 026535 FRAME: 0861

Applications for Letters Patent:

11/926,594	11/717,708	11/516,609
12/081,141	12/876,324	12/275,309
12/567,142		

Letters Patents:

5,461,266	6,807,364	6,539,218
5,637,932	7,197,232	6,799,034
5,539,535	5,617,312	6,363,101
5,699,173	6,002,694	7,035,309
5,790,274	6,249,532	7,269,203
5,793,517	5,699,370	7,400,667
5,801,847	5,930,274	7,447,256
6,081,350	5,933,478	7,471,715
6,677,989	6,226,449	7,397,777
7,304,669	7,106,954	7,606,198
5,878,188	6,275,690	5,966,129
6,249,639	6,823,182	

NTONELLI, TERRY, STOUT &amp; KRAUS, LLP COMPANY:1300 17TH STREET - SUIT

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Form PTO-1585 (Rev. 10/02) OMB No. 0651-0027 (exp. 5/30/2005)		RECORDATION COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
Attorney Docket No. 501.10323000					
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, Otamachi 2-chome, Chiyoda-ku  City: Tokyo State: Japan  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of conveyance/ Execution Date: May 12, 2011 <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 8424, Confirmatory License <input type="checkbox"/> Other		4. Application number(s) or patent number(s): A. Patent Application No.(s)  See attached list  B. Patent Registration No.(s)  See attached list  Additional number(s) attached <input checked="" type="checkbox"/> Yes <input 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 22208  Phone Number: (703) 312-6600 Facsimile Number: (703) 312-6666 Email Address: email@antonelli.com		6. Total number of applications and patents involved  7. Total fee (\$7 CFR 3.41)..... \$ <input checked="" type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)  8. Payment Information: a. Credit Card Last 4 numbers: 1107 Expiration date: 06/14  b. Deposit account number: 01-2135  Authorized User Name: Paul J. Skowronski			
DO NOT USE THIS SPACE					
9. 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.					
Alan E. Schiavelli _____ Name of Person Signing		Alan E. Schiavelli/ _____ Signature		05/18/2011 _____ Date	

Total number of pages including cover sheet, attachments, and documents: 4  
Documents to be recorded (including cover sheet) should be filed in (PTI) 273-4140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

05/31/2011 TUE 06:54 [TX/RX NO 8319] 003

ASSIGNMENT

WHEREAS, Hitachi, Ltd. is the sole owner, by assignment, of the following applications for Letters Patent and Letters Patents of the United States of America:

Applications for Letters Patent:

11/926,694	11/717,708	11/516,609
12/081,141	12/876,324	12/275,309
12/567,142		

Letters Patents:

5,461,266	6,807,364	6,539,218
5,837,932	7,197,232	6,799,034
5,539,535	5,817,312	6,363,101
5,699,173	6,002,694	7,035,309
5,790,274	6,249,532	7,269,203
5,793,517	5,699,370	7,400,667
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6,677,989	6,226,449	7,397,777
7,304,669	7,106,954	7,606,198
6,878,188	6,275,690	5,886,129
6,249,639	6,823,162	

WHEREAS, Hitachi Consumer Electronics Co., Ltd., having an address of 2-1, Otemachi 2-chome, Chiyoda-ku, Tokyo, Japan, is desirous of acquiring the sole and exclusive right, title and interest in, to and under the said applications for Letters Patents, said Letters Patents, and the inventions covered thereby;

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, said applications for Letters Patent and any Letters Patents granted thereon, said Letters Patents aforesaid, any divisions and continuations of said applications for Letters Patent and said Letters Patents, and any reissue or reissues of said Letters Patents already granted or which may be granted, the same to be held and enjoyed by the 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 said Hitachi, Ltd., if this assignment and sale had not been made.

Hitachi, Ltd. authorizes the law firm of Antonelli, Terry, Stout & Kraus, LLP to make any corrections or revisions to this Assignment as may be necessary to correct any errors or omissions in this Assignment or to record this Assignment.

IN TESTIMONY WHEREOF, Hitachi, Ltd. has caused these presents to be signed by their officers thereunto duly authorized.

Hitachi, Ltd.



By: Kensuke OKA  
Corporate Officer  
General Manager, Intellectual Property Group  
(Authorized Signing Officer)

May 12, 2011  
Date