

Form PTO-1595 (Rev. 03-11)
OMB No. 0651-0027 (exp. 03/31/2012)U.S. DEPARTMENT OF COMMERCE
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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.

Internal Address: _____

Street Address: 2-1, Otemachi 2-chome

Chiyoda-ku

City: Tokyo

State: _____

Country: JAPAN

Zip: _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) March 28, 2011

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

4. Application or patent number(s):☐ This document is being filed together with a new application.

A. Patent Application No.(s)

SEE LIST AN2 (2 properties)

B. Patent No.(s)

SEE LIST AN1 (17 properties)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Antonelli, Terry, Stout & Kraus, LLP

Internal Address: _____

Street Address: 1300 N. 17th St., Suite 1800

City: Arlington

State: VA Zip: 22209

Phone Number: 703-312-6600

Fax Number: 703-312-6666

Email Address: email@antonelli.com

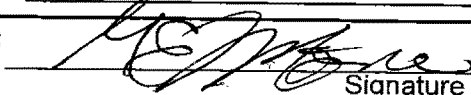
6. Total number of applications and patents involved: _____**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 760.00**

- ☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 01-2135

Authorized User Name Gregory E. Montone

9. Signature:
Signature

April 5, 2011

Date

Gregory E. Montone [500.10376G00]

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

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, V.A. 22313-1450

CH \$760.00 012135 1211654

500.10376G00

LIST AN1

[USPs]

| No. | UTILITY REF. | USSN | Patent No. | Issue Dates |
|-----|---------------|------------|------------|-------------|
| 1 | 500.31264X00 | 07/894008 | 5542023 | 30-Jul-96 |
| 2 | 500.31264CX1 | 08/679336 | 5861890 | 19-Jan-99 |
| 3 | 501.33281X00 | 08/411,991 | 5802345 | 1-Sep-98 |
| 4 | 500.33011X00 | 08/269352 | 5548226 | 20-Aug-96 |
| 5 | 500.33011CX2 | 08/476576 | 5568063 | 22-Oct-96 |
| 6 | 500.33011CX3 | 08/596724 | 5627481 | 6-May-97 |
| 7 | 500.33011CC6 | 08/773753 | 5818253 | 6-Oct-98 |
| 8 | 500.33011CC5 | 08/747208 | 5767695 | 16-Jun-98 |
| 9 | 500.33011CC7 | 09/084017 | 6172517 | 9-Jan-01 |
| 10 | 500.33011CC8 | 09/716251 | 6441639 | 27-Aug-02 |
| 11 | 500.33011CC9 | 09/891322 | 6420900 | 16-Jul-02 |
| 12 | 500.33011CC10 | 10/194310 | 7372292 | 13-May-08 |
| 13 | 500.33011CC11 | 10/241477 | 6873179 | 29-Mar-05 |
| 14 | 500.33011CC12 | 10/989279 | 7015717 | 21-Mar-06 |
| 15 | 500.33011CC13 | 11/049663 | 7123048 | 17-Oct-06 |
| 16 | 500.33011C14 | 11/523558 | 7295034 | 13-Nov-07 |
| 17 | 500.33011PX1 | 08/388990 | 5668834 | 16-Sep-97 |

LIST AN2

[Applications]

| | | | | |
|----|--------------|-----------|-----|------------------|
| 18 | 500.33011C15 | 12/116541 | --- | filed 5/7/2008 |
| 19 | 500.33011C16 | 12/844048 | --- | filed 05/27/2010 |

500.10378G00

ASSIGNMENT

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

Listed In Attachments AN1 and AN2


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 entire right, title and interest in, to and under the inventions which are at least covered by the applications and/or Letters Patent as listed in Attachments AN1 and AN2, 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 Consumer Electronics Co., Ltd., the entire right, title and interest of said Hitachi, Ltd. in the said inventions, including applications for Letters Patent and/or Letters Patent for which benefit under 35 U.S.C. §120 has been claimed in said applications and/or Letters Patents as listed in Attachment AN1 and AN2, and where said applications and/or Letters Patent as listed in Attachment AN1 and AN2 include a Terminal Disclaimer with respect to commonly-assigned applications and/or Letters Patent, the entire right, title and interest of said Hitachi, Ltd. with respect to said commonly-assigned applications and/or Letters Patent to provide for common ownership thereof, 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 28, 2011


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