## Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

### **CONVEYING PARTY DATA**

| Name                   | Execution Date |
|------------------------|----------------|
| G. Patrick Martin      | 02/24/2009     |
| Kathleen Minear        | 02/19/2009     |
| John Roach             | 02/23/2009     |
| William C. Adams Jr.   | 12/08/2008     |
| Lynda Margaret Ralston | 12/10/2008     |
| Allan V. Dianic        | 02/23/2009     |

#### **RECEIVING PARTY DATA**

| Name:           | HARRIS CORPORATION       |
|-----------------|--------------------------|
| Street Address: | 1025 WEST NASA BOULEVARD |
| City:           | MELBOURNE                |
| State/Country:  | FLORIDA                  |
| Postal Code:    | 32919                    |

#### PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 12273760 |

### **CORRESPONDENCE DATA**

500810425

Fax Number: (212)527-7701

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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ATTORNEY DOCKET NUMBER: GCSD-2130 (17162/0210687)

**PATENT** 

REEL: 022413 FRAME: 0414

| NAME OF SUBMITTER:             | Joyce Dougherty |
|--------------------------------|-----------------|
| Total Attachments: 7           |                 |
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| source=Assignment687#page7.tif |                 |

PATENT REEL: 022413 FRAME: 0415

Attorney Docket No.: 17162/0210687-US0 GCSD-2130; H8237

#### ASSIGNMENT

- I, G. Patrick Martin, a citizen of the United States of America, residing at 11630 Point Drive; Merritt Island, Florida 32952; and
- I, Kathleen Minear, a citizen of the United States of America, residing at 1281 Tropicana Road NE; Palm Bay, Florida 32905; and
- I, John Roach, a citizen of the United States of America, residing at 768 Kiwi Court; Indialantic, Florida 32903; and
- I, William C. Adams, Jr., a citizen of the United States of America, residing at 635 Sheridan Woods Drive; West Melbourne, Florida 32904;
- I, Lynda Margaret Ralston, a citizen of the United States of America, residing at 609 Tallwood Circle; West Melbourne, Florida 32904; and
- I, Allan V. Dianic, a citizen of the United States of America, residing at 702 Medinah Road, Melbourne, Florida 32940

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

### Harris Corporation

a Corporation organized under the laws of Delaware, located at 1025 West NASA Boulevard, Melbourne, Florida 32919 (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, throughout the world in and to my Invention entitled:

# COMPENSATION OF BEAMFORMING ERRORS IN A COMMUNICATIONS SYSTEM HAVING WIDELY SPACED ANTENNA ELEMENTS

invented by me and described in Patent Application No. 12/273,760, filed on November 19, 2008, in the United States of America; and all patents, divisions, reissues,

1

3628351.1 0210687-US0

GCSD-2130; H8237

continuations and any extensions thereof and rights of priority therein, including the right to sue for past infringement and any such recovery, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made, including all rights of Assignor to recover for past infringement thereof;

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

2

3628351.1 0210687-US0

Attorney Docket No.: 17162/0210687-US0 GCSD-2130; H8237

| 6. July Mali   |
|--|
| G. Patrick Martin  |
| Date:  |
| United States of America  State of America  County of Brivard  State of America  Sta |
| On this Atti day of Avillary, 2009, before me personally came G. Patrick Martin, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.  |
| He Ministration se Sandia Me Pisiale Notary Public   |
| SANDRA DEPASCALE Notary Public - State of Floride My Commission Expires Jun 16, 2012 Commission & DO 700044 Banded Through National Notary Asen.  Kathleen Minear  |
| Date: 2/19/2009  |
| United States of America  State of   County of   Drevard   State of   Brevard   State of   State of   State of   Brevard   State of   State  |
| On this 1917 day of Jubruary, 2009, before me personally came Kathleen Minear, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.  |
| SANDRA DEPASCALE Notary Public - State of Florida My Commission Expires Jun 16, 2012 Commission # DD 780044 Bonded Through National Notary Asen.   |

GCSD-2130; H8237

|   |  |                       | ALL INTIM   |
|---|--|-----------------------|---|
| 1   | 1  |                       | John Roach  |
| Date: $2/2$   | 3 09   |                       |   |
| United States of Am<br>State of<br>County of  | erica<br><u>Slorida</u><br>Brivard   | )<br>) ss.:<br>)      |   |
| On this <u>ABrC</u><br>personally came<br>described in and who<br>of the same.            | day of John Ro<br>John Ro<br>executed the forego                                   | oach  oing instrument | , before me<br>, to me known to be the individual<br>, and acknowledged execution |
| IL DINNERS C  | icense   | Sa.                   | ry Public   |
|   |  | Notar                 | ry Public   |
| My Commission  <br>Commission   | DEPASCALE - State of Florida Expires Jun 16, 2012 # DD 780044                      |                       |   |
| My Commission  <br>Commission   | - State of Florida<br>Expires Jun 16, 2012   |                       | William C. Adams, Jr.   |
| Notary Public My Commission Commission Bonded Through                                     | - State of Florida<br>Expires Jun 16, 2012<br># DD 780044                          |                       | William C. Adams, Jr.   |
| Notary Public My Commission Commission Bonded Through  Date: United States of Am State of | - State of Florida<br>Expires Jun 16, 2012<br>8 DD 780044<br>National Notary Assn. | )<br>) ss.:           | William C. Adams, Jr.   |
| Notary Public My Commission Commission Bonded Through  Date: United States of Am State of | - State of Florida<br>Expires Jun 16, 2012<br>8 DD 780044<br>National Notary Assn. | )<br>) ss.:<br>)      | William C. Adams, Jr.   |
| Date: United States of Am State of County of  | erica day of   | <u> </u>              | , before me   |
| Date: United States of Am State of County of On this personally came                      | erica  day of  William C. A  | dams, Jr.             | , before me , to me known to be the individual                                    |
| Date: United States of Am State of County of On this personally came described in and who | erica  day of  William C. A  | dams, Jr.             |   |
| Date: United States of Am State of County of On this personally came                      | erica  day of  William C. A  | dams, Jr.             | , before me , to me known to be the individual                                    |

GCSD-2130; H8237

|  |   | W.                           | illiam C. Al.                                      | Hams          |
|--|---|------------------------------|--|---------------|
|  |   |                              | William C. Adam                                    | s, Jr.        |
| Date: 8 Dec  | ember 200   | 8                            |  |               |
| United States of Ame   | erica .   | ,                            |  |               |
| State of   | Florida   | ) ss.:                       |  |               |
| County of  | Brevard   |                              |  |               |
| a ti atk   |   | 1                            |  |               |
| On this personally came  | day of  | Comber,                      | <del></del>  | efore me      |
| •  | William C.  |                              | , to me known to be the<br>t, and acknowledged exe | ie individual |
| of the same.   | caccuicd the fores                                | going mstrument              | , and acknowledged exe                             | cution        |
|  |   |                              | /  | 1 1.          |
|  | MARJORIE JANE SHAFFER                             | · 14                         | ayungee)   | July_         |
|  | MY COMMISSION # DD 41329<br>EXPIRES: May 22, 2009 | Notai                        | ry Public  | √'            |
| The state of the s | Bonded Thru Notary Public Underwrite              | rs                           | 7  | V             |
|  |   |                              |  |               |
|  |   |                              |  |               |
|  |   |                              |  |               |
|  |   |                              |  |               |
|  |   |                              | Lynda Margaret R                                   | alston        |
|  |   |                              | • 0  |               |
| Date:  |   |                              |  |               |
| TT '- 1 G 0 4  |   |                              |  |               |
| United States of Ame   | erica   | )                            |  |               |
| State of   |   | ) ss.:                       |  |               |
| County of  |   | )                            |  |               |
| On this  | day of  |                              | he   | efore me      |
| personally came  |   | aret Ralston                 | , to me known to be th                             |               |
|  | executed the forest                               | going instrument             | t, and acknowledged exe                            | ecution       |
| of the same.   |   | 0: <u>8</u> <b>50 u</b> mont | , avidio miougou exe                               | Validii       |
|  |   |                              |  |               |
|  |   |                              |  |               |
|  |   | Notar                        | ry Public  |               |

GCSD-2130; H8237

|   |  |                           | William C. Adams, Jr.   |
|---|--|---------------------------|---|
| Date:   | 2/2008   |                           |   |
| United States of Am                                       | erica  | )                         |   |
| State of<br>County of                                     |  | ) ss.:<br>)               |   |
| On this   | day of   | ,                         | , before me   |
| personally came<br>described in and who<br>of the same.   | William C. Ada executed the foregoin                       | ims, Jr.<br>ig instrument | , to me known to be the individual t, and acknowledged execution  |
| of the same.  |  |                           |   |
|   |  | Notai                     | ry Public   |
|   |  |                           |   |
|   |  |                           |   |
|   |  |                           | Lynda Margaret Ralston  |
| Date: 12/1  | 0/2008   |                           |   |
| United States of Ame<br>State of<br>County of             | orica<br>Florida<br>Baovard                                | )<br>) ss.:<br>)          |   |
| On this personally came described in and who of the same. | day ofDecem_<br>Lynda Margaret I<br>executed the foregoing | Ralston                   | , to me known to be the individual , and acknowledged execution   |
|   |  | (ac<br>Notar              | halle M Hagodes   |
|   |  | MY C                      | NCHELLE M. HEGEDUS<br>COMMISSION # DD 759276<br>EXPIRES: April 25, 2012<br>ad Thru Notary Public Underwitters |

GCSD-2130; H8237

Allan V. Dianic

Date: 23 FB 2009

County of Brevard

On this <u>33rd</u> day of <u>Jehrwary</u>, <u>3009</u>, before me personally came <u>Allan V. Dianic</u>, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Il Arivers Bucinse

Sandia iletascile. Notary Public

SANDRA DEPASCALE
Notary Public - State of Florida
My Commission Expires Jun 16, 2012
Commission # DD 780044
Bonded Through National Notary Asen.

**RECORDED: 03/18/2009**