

01-12-2006

DEPARTMENT OF COMMERCE  
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103156062

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**

Kurt Alan ZIMMERMAN; Robert Francis MEEHAN

Execution Date(s) 1) 12/15/05 2) 12/16/05

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: HARRIS CORPORATION

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

Street Address: 1025 West NASA Blvd.

City: Melbourne

State: FL

Country: USA Zip: 32919

Additional name(s) & address(es) 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)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: CHRISTOPHER F. REGAN, ESQ.

Internal Address: ALLEN, DYER, DOPPELT,  
MILBRATH & GILCHRIST, P.A.

Street Address: 255 S ORANGE AVENUE SUITE 1401

City: ORLANDO

State: FL Zip: 32801

Phone Number: 407-841-2330

Fax Number: 407-841-2343

Email Address: cregan@addmg.com

**6. Total number of applications and patents involved:**

1

**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 \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 08-0870

Authorized User Name \_\_\_\_\_

**9. Signature:**

*Douglas J. Visnius*  
Signature

JANUARY 3, 2006

Date

DOUGLAS J. VISNIUS (GCSD-1714 51444)

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 (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT  
REEL: 017440 FRAME: 0341

A S S I G N M E N T

WHEREAS, **Kurt Alan ZIMMERMAN** of Indialantic, Florida, and **Robert Francis MEEHAN** of Melbourne, Florida; hereinafter referred to as **ASSIGNORS**, have made certain improvements or inventions in **LOW PROFILE ANTENNA SYSTEM AND ASSOCIATED METHODS**, for which **ASSIGNORS** have executed an application for United States Letters Patent filed herewith, in the United States Patent and Trademark Office; and

WHEREAS, **HARRIS CORPORATION**, a Delaware corporation, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the same;

NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said **ASSIGNORS** do hereby sell, assign and transfer to said **ASSIGNEE**, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divisions or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said **ASSIGNORS** do hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent applications or for the invention or inventions hereof, in accordance with this assignment.

And said **ASSIGNORS** for said consideration hereby covenants and agrees that said **ASSIGNORS** are the owners of the full title herein conveyed and have the right to convey the same, and agree that said **ASSIGNORS** will communicate to said

In Witness Whereof, I have hereunto set my hand and seal this 16<sup>th</sup> day of December, 2005.

  
Robert Francis MEEHAN

State of FLORIDA :  
- Florida : ss.

PATENT  
REEL: 017440 FRAME: 0342

## A S S I G N M E N T

WHEREAS, **Kurt Alan ZIMMERMAN** of Indialantic, Florida, and **Robert Francis MEEHAN** of Melbourne, Florida; hereinafter referred to as **ASSIGNORS**, have made certain improvements or inventions in **LOW PROFILE ANTENNA SYSTEM AND ASSOCIATED METHODS**, for which **ASSIGNORS** have executed an application for United States Letters Patent filed herewith, in the United States Patent and Trademark Office; and

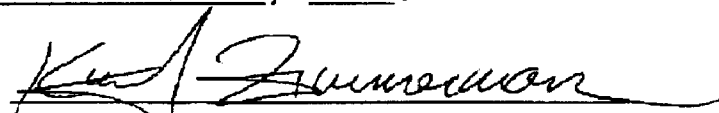
WHEREAS, **HARRIS CORPORATION**, a Delaware corporation, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the same;

NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said **ASSIGNORS** do hereby sell, assign and transfer to said **ASSIGNEE**, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divisions or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said **ASSIGNORS** do hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent applications or for the invention or inventions hereof, in accordance with this assignment.

And said **ASSIGNORS** for said consideration hereby covenants and agrees that said **ASSIGNORS** are the owners of the full title herein conveyed and have the right to convey the same, and agree that said **ASSIGNORS** will communicate to said

**ASSIGNEE** any facts known to said **ASSIGNORS** respecting said invention or inventions, and testify in any legal proceedings when called upon by said **ASSIGNEE**, sign all lawful papers deemed by said **ASSIGNEE** as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid said **ASSIGNEE**, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the **ASSIGNEE'S** expense.

In Witness Whereof, I have hereunto set my hand and seal this 15 day of December, 2005.

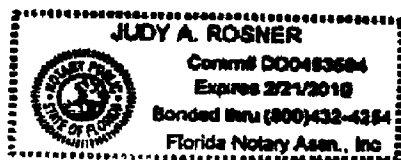
  
Kurt Alan ZIMMERMAN


State of Florida :  
County of Brevard : SS.

On this 15<sup>th</sup> day of December, 2005.

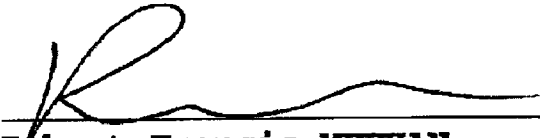
before me personally appeared the above-named ASSIGNOR, **Kurt Alan ZIMMERMAN**, to me personally known as the individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

S E A L



  
Notary Public  
My commission expires:

In Witness Whereof, I have hereunto set my hand  
and seal this 16<sup>th</sup> day of December, 2005.

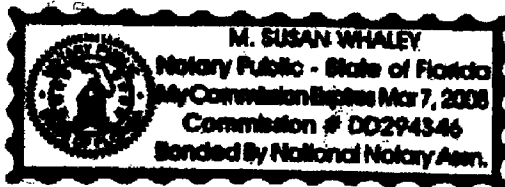
  
Robert Francis MEEHAN

State of FLORIDA :  
County of BREVARD : ss.

On this 16<sup>th</sup> day of DECEMBER, 2005,

before me personally appeared the above-named ASSIGNOR, **Robert Francis MEEHAN**, to me personally known as the individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

S E A L



M. Susan Whaley  
Notary Public  
My commission expires: MARCH 7, 2008