

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>GEORGE CABRERA</td><td>10/10/2011</td></tr><tr><td>DMITRI BORODULIN</td><td>10/10/2011</td></tr></tbody></table>	Name	Execution Date	GEORGE CABRERA	10/10/2011	DMITRI BORODULIN	10/10/2011	
Name	Execution Date						
GEORGE CABRERA	10/10/2011						
DMITRI BORODULIN	10/10/2011						
RECEIVING PARTY DATA							
Name:	HARRIS CORPORATION						
Street Address:	1025 WEST NASA BOULEVARD						
City:	MELBOURNE						
State/Country:	FLORIDA						
Postal Code:	32919						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13271317</td></tr></tbody></table>	Property Type	Number	Application Number:	13271317			
Property Type	Number						
Application Number:	13271317						
CORRESPONDENCE DATA							
Fax Number:	(216)621-4072						
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>							
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ATTORNEY DOCKET NUMBER:	GA-020416 US PRI						
NAME OF SUBMITTER:	BRIAN W. BOLINGER						
Total Attachments: 4 source=GA020416USPRIAssignment#page1.tif source=GA020416USPRIAssignment#page2.tif source=GA020416USPRIAssignment#page3.tif source=GA020416USPRIAssignment#page4.tif							

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PATENT
REEL: 027047 FRAME: 0568

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

(6-484) GA-020416 US PRI)

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):

GEORGE CABRERA
DMITRI BORODULIN

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

3. Nature of conveyance:

Execution Date(s) 10/10/2011; 10/10/2011

- ☒ 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 Boulevard

City: Melbourne

State: Florida

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)

13/271,317 - Filed October 12, 2011

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: BRIAN W. BOLINGER

Internal Address: Tarolli, Sundheim, Covell &

Tummino, L.L.P.

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State: Ohio

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Fax Number: (216) 621-4072

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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 080870

Authorized User Name HARRIS CORPORATION

9. Signature:

Brian W. Bolinger
Signature

10/12/11
Date

BRIAN W. BOLINGER, Reg. No.: 47,434
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

PATENT
REEL: 027047 FRAME: 0569

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to Harris Corporation, a corporation duly organized and existing under the laws of the State of Delaware, having a place of business at Melbourne, County of Brevard, State of Florida, and do hereby assign and transfer to Harris Corporation, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under the following application for letters patent entitled:

HYBRID COUPLER

Filing date: October 12, 2011 U.S. Application No.: 13/271,317
and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Letters Patent.

I/we additionally authorize Harris Corporation, to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by Harris Corporation, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to Harris Corporation, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to Harris Corporation, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid Harris Corporation, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided reasonable expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Harris Corporation, its successors or assigns;

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to Harris Corporation, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct the attorneys of record to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

ASSIGNMENT OF PATENT APPLICATION (Cont.)

IN WITNESS WHEREOF, I/We hereunto set my/our hand(s) and seal(s):

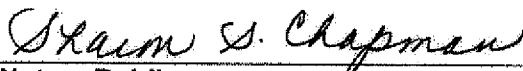
Signed at Harris Corp County of Warren and
State of Ohio this 10 day of October, 2011.



GEORGE CABRERA

STATE OF Ohio)
COUNTY OF Warren)

On this 10th day of October, 2011, personally appeared before me
GEORGE CABRERA to me known to be the person named in and who executed the above
instrument, and acknowledged to me that he executed the same for the uses and the purposes therein
mentioned.



Notary Public



SHARON S. CHAPMAN
Notary Public, State of Ohio
My Commission Expires
May 23, 2014
No. 2009-RE-257050

ASSIGNMENT OF PATENT APPLICATION (Cont.)

IN WITNESS WHEREOF, I/We hereunto set my/our hand(s) and seal(s):

Signed at Harri's Corp. County of Warren and
State of Ohio this 10 day of October, 2011.

Dmitri Borodulin
DMITRI BORODULIN

STATE OF Ohio)
COUNTY OF Warren)

On this 10th day of October, 2011, personally appeared before me
DMITRI BORODULIN to me known to be the person named in and who executed the above
instrument, and acknowledged to me that he executed the same for the uses and the purposes therein
mentioned.

Sharon S. Chapman
Notary Public



SHARON S. CHAPMAN
Notary Public, State of Ohio
My Commission Expires
May 23, 2014
No. 2009-RE-257050