

09-24-1999

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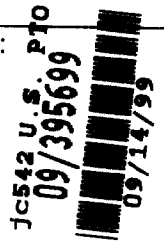


To the Honorable commissioner c  
Please record the attached origi.

101154578

1. Name of conveying party(ies):  
Kenneth E. Scott  
Elizabeth B. Olasz  
*MRD*  
*9-14-99*

2. Name and address of receiving party(ies):  
Name: Harris Canada, Inc.  
Street Address: 6732 Eighth Street N.E.  
City: Calgary, Alberta T2E8M4  
CANADA  
State: Zip:  
Additional name(s) & address(es) attached? Yes  No



3. Nature of conveyance:  
 Assignment  
 Merger  
 Security Agreement  
 Change of Name  
 Other  
Execution Date: August 25, 1999

4. Application number(s) or patent number(s): *09/395,699*  
If this document is being filed together with a new application, the execution date of the application is: August 25, 1999  
A. Patent Application No.(s) B. Patent No. (s)  
Additional numbers attached? Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Rita M. Rooney  
Cesari & McKenna, LLP  
Street Address: 30 Rowes Wharf  
City: Boston State: MA Zip: 02110

6. Total number of applications and patents involved:..... 1  
7. Total fee (37 CFR 3.41) ..... \$40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account no. 03-1237 (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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Statement and signature. 40.00 OP

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.

*Rita M. Rooney*  
Rita M. Rooney, Reg. No. 30,585

Signature

*9/14/99*  
Date

Total number of pages comprising cover sheet:

## ASSIGNMENT

Whereas We, Kenneth E. Scott, who reside at 204 Hendon Dr. N.W., Calgary, Alberta T2K 1Z2, , and Elizabeth B. Olasz, who reside at 61-9908 Bonaventure Dr. S.E., Calgary, Alberta T2J 5E3, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled METHOD AND APPARATUS FOR CARRIER PHASE TRACKING, identified by Cesari and McKenna File No. 101069-0171, which application was executed by us on

August 25, 1999; and

Whereas Harris Canada, Inc., whose address is 6732 Eighth Street N.E., Calgary, Alberta T2E 8M4, CANADA, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

Now, Therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer, and convey to Assignee our entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same Assignee without encumbrance;

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful

affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

August 25, 1999  
Date

Kenneth E. Scott  
Kenneth E. Scott, Inventor

August 25, 1999  
Date

Elizabeth B. Olasz  
Elizabeth B. Olasz, Inventor

Dated this 25th day of August, 1999 at the  
City of Calgary, in the Province of Alberta

Ian H. Brungs

IAN H. BRUNGS, Notary Public in and for  
the Province of Alberta

**IAN H. BRUNGS**  
**Student-at-Law**