

Form PTO-1595  
(Rev. 10/02)

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005)

PATENTS ONLY

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Denis Downey, Michael Harrington,  
Frank O'Keefe, Yury Kharkunou,  
Alex Volkov

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

2. Name and address of receiving party(ies)

Name: ARRIS International, Inc.

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

Street Address: 3871 Lakefield Drive

City: Suwanee State: GA Zip: 30024

Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: 7/22/2005

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s) 11/182,535

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  No

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

Name: John Doughty

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

Street Address: 3871 Lakefield Drive

City: Suwanee State: GA Zip: 30024

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 number:

01-2125

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9. Signature.

John L. Doughty  
Name of Person Signing

  
Signature

9/30/2005  
Date

Total number of pages including cover sheet, attachments, and documents:  5

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

CH \$40.00 012125 11182535

Docket 10182

PATENTS

## ASSIGNMENT

WHEREAS We, **Denis Downey, Michael Harrington, Frank O'Keeffe, Yury Kharkunou and Alex Volkov** (hereinafter referred to as ASSIGNORS), have invented certain inventions and improvements entitled "**Method and system for synchronizing separated edgeQAM devices located remotely from a CMTS**" disclosed in a United States patent application ("Application") filed in the United States Patent and Trademark Office on **July 15, 2005**, having serial number **to be determined**; and

WHEREAS, ARRIS International, Inc., a corporation formed under the laws of Delaware, having a principal place of business at 3871 Lakefield Drive, Suwanee, Georgia 30024 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to, and under said invention, Application and the United States Letters Patent and Letters Patent in any foreign country to be obtained therefore:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS hereby sell, assign, and transfer to ASSIGNEE the full and exclusive right, title and interest to said invention, the Application and all Letters Patent of the United States and any foreign country to be obtained therefore on the Application, or any continuation, continuation-in-part, divisional, reexamination, renewal, substitute, reissue, or foreign patent application thereof, and in and to all Letters Patent and all Convention and Treaty rights of all kinds, in all countries throughout the world for said invention for the full term or terms for which the same may be granted.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNORS further covenant that ASSIGNORS will promptly provide ASSIGNEE, upon its request, with all pertinent facts and documents relating to said

Docket 10182

PATENTS

application, said invention and said Letters Patent as may be known and accessible to ASSIGNORS, and will testify as to the same in any interference or litigation related thereto, and will promptly execute and deliver to ASSIGNEE, its legal representative, or assigns any and all papers, instruments, or affidavits required to apply for, obtain, maintain, and enforce the Applications, said invention and said United States and foreign Letters Patent, and which may be necessary or desirable to carry out the purposes hereof.

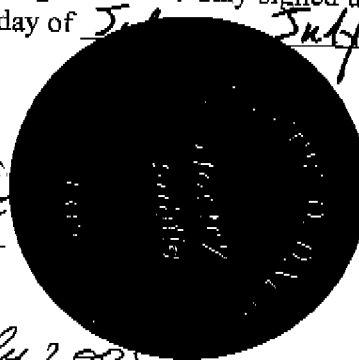
22nd July 2005  
Date

Denis Downey  
Denis Downey

STATE OF Ireland )  
COUNTY OF Cork )

I hereby certify that Denis Downey before me personally appeared and acknowledged that the foregoing assignment was duly signed and delivered by him as his free and voluntary act on this 22<sup>nd</sup> day of July, 2005.

(SEAL)



[Signature]  
Notary Public  
My Commission expires life Commission

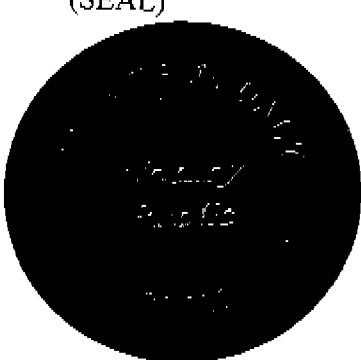
22<sup>nd</sup> July 2005  
Date

Alex Volkov  
Alex Volkov

STATE OF Ireland )  
COUNTY OF Cork )

I hereby certify that Alex Volkov before me personally appeared and acknowledged that the foregoing assignment was duly signed and delivered by him as his free and voluntary act on this 22<sup>nd</sup> day of July, 2005.

(SEAL)



[Signature]  
Notary Public  
My Commission expires life Commission

Docket 10182

PATENTS

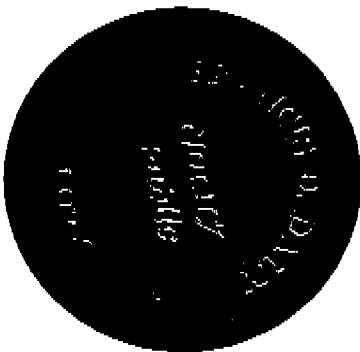
22 July 2005  
Date

Michael Harrington  
Michael Harrington

STATE OF IRELAND )  
COUNTY OF CORK )

I hereby certify that Michael Harrington before me personally appeared and acknowledged that the foregoing assignment was duly signed and delivered by him as his free and voluntary act on this 22<sup>nd</sup> day of July, 2005.

(SEAL)



[Signature]  
Notary Public  
My Commission expires LIFE COMMISSION

22 July 2005  
Date

Frank O'Keeffe  
Frank O'Keeffe

STATE OF IRELAND )  
COUNTY OF CORK )

I hereby certify that Frank O'Keeffe before me personally appeared and acknowledged that the foregoing assignment was duly signed and delivered by him as his free and voluntary act on this 22<sup>nd</sup> day of July, 2005.

(SEAL)



[Signature]  
Notary Public  
My Commission expires LIFE COMMISSION

Docket 10182

PATENTS

22<sup>nd</sup> October 2005

Date

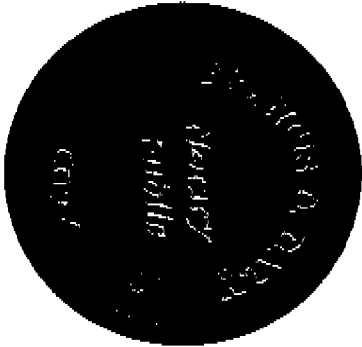


Yury Kharkunou

STATE OF IRELAND )  
COUNTY OF COOK )

I hereby certify that Yury Kharkunou before me personally appeared and acknowledged that the foregoing assignment was duly signed and delivered by him as his free and voluntary act on this 22<sup>nd</sup> day of July 2005.

(SEAL)



  
Notary Public

My Commission expires life Commission

