

Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)

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

RECORDATION FORM COVER SHEET PATENTS ONLY

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)

Jim Allen
Tom Cloonan

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

2. Name and address of receiving party(ies)

Name: ARRIS Group, Inc.

Internal Address: _____

Street Address: 3871 Lakefield Drive

City: Suwanee

State: Georgia

Country: U.S. Zip: 30024

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 9/26/2007

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)
11/861,263

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: John L. Doughty

Internal Address: _____

Street Address: 3871 Lakefield Drive

City: Suwanee

State: Georgia Zip: 30024

Phone Number: 678-473-8697

Fax Number: 678-473-8095

Email Address: john.doughty@arrisi.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)

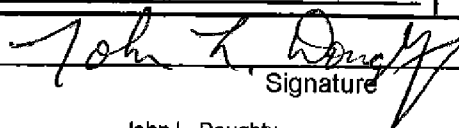
8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 01-2125

Authorized User Name John L. Doughty

9. Signature:



Signature

9/26/2007

Date

John L. Doughty

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (671) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 012125 11861263

Docket 7160

PATENTS

ASSIGNMENT

WHEREAS We, **Jim Allen and Tom Cloonan** (hereinafter referred to as ASSIGNORS), have invented certain inventions and improvements entitled "**Method and system for detecting impulse noise in a broadband communication system**" disclosed in a United States patent application ("Application") filed in the United States Patent and Trademark Office on 9/25/2007, having serial number 11/861,263; and

WHEREAS, ARRIS Group, 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 application, said invention and said Letters Patent as may be known and accessible to

Docket 7160

PATENTS

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.

9-26-07

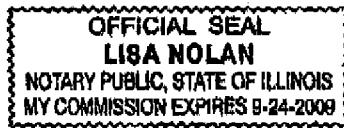
Date

Jim Allen
Jim Allen

STATE OF ILLINOIS)
COUNTY OF COOK)

I hereby certify that Jim Allen 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 26th day of September, 2007.

(SEAL)



Lisa Nolan
Notary Public
My Commission expires 9-24-2009

9-26-07

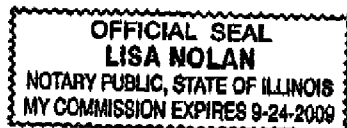
Date

Tom Cloonan
Tom Cloonan

STATE OF ILLINOIS)
COUNTY OF COOK)

I hereby certify that Tom Cloonan 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 26th day of September, 2007.

(SEAL)



Lisa Nolan
Notary Public
My Commission expires 9-24-2009