

# PATENT ASSIGNMENT

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Thomas Williams	04/11/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ARRIS Group, Inc.
<b>Street Address:</b>	3871 Lakefield Drive
<b>Internal Address:</b>	Legal Dept
<b>City:</b>	Suwanee
<b>State/Country:</b>	GEORGIA
<b>Postal Code:</b>	30024
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13077558
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(678)473-8095
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	678-473-8593
<b>Email:</b>	denise.motley@arrisi.com
<b>Correspondent Name:</b>	ARRIS Group, Inc.
<b>Address Line 1:</b>	3871 Lakefield Drive
<b>Address Line 2:</b>	Legal Dept
<b>Address Line 4:</b>	Suwanee, GEORGIA 30024
<b>ATTORNEY DOCKET NUMBER:</b>	9508
<b>NAME OF SUBMITTER:</b>	Denise Motley
<b>Total Attachments: 2</b> source=110421 Assign-filed 9508#page1.tif source=110421 Assign-filed 9508#page2.tif	

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**PATENT**  
**REEL: 026163 FRAME: 0684**

## ASSIGNMENT

WHEREAS I, **Thomas Williams**, (hereinafter collectively referred to as ASSIGNOR), have invented certain inventions and improvements entitled **“Impairment Discovery using Automatic Geographical Clustering”** disclosed in Patent Application Number **13/077,558** filed in the United States Patent and Trademark Office on **31 March 2011**; 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 and the United States Letters Patent 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 and all Letters Patent of the United States to be obtained therefore on said patent application, design patent application, or any continuation, continuation-in-part, divisional, reexamination, renewal, substitute, or reissue 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.

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

ASSIGNOR further covenants that ASSIGNOR 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 ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments, or affidavits required to apply for, obtain, maintain, and enforce said application, said invention and said

Letters Patent which may be necessary or desirable to carry out the purposes hereof.

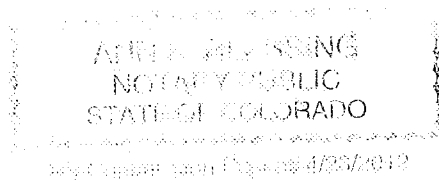
April 11, 2011  
Date

Thomas Williams  
Thomas Williams

STATE OF )  
COUNTY OF )

I hereby certify that Thomas Williams 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 11<sup>th</sup> day of April, 2011.

(SEAL)



Anna K. Blasing  
Notary Public

My Commission expires 4/23/12