

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>Dean A. Stoneback</td> <td>08/27/2013</td> </tr> <tr> <td>Nagesh S. Nandiraju</td> <td>08/28/2013</td> </tr> </tbody> </table>		Name	Execution Date	Dean A. Stoneback	08/27/2013	Nagesh S. Nandiraju	08/28/2013				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Arris Enterprises, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>3871 Lakefield Drive</td> </tr> <tr> <td>City:</td> <td>Suwanee</td> </tr> <tr> <td>State/Country:</td> <td>GEORGIA</td> </tr> <tr> <td>Postal Code:</td> <td>30024</td> </tr> </table>		Name:	Arris Enterprises, Inc.	Street Address:	3871 Lakefield Drive	City:	Suwanee	State/Country:	GEORGIA	Postal Code:	30024
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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>14017388</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14017388						
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CORRESPONDENCE DATA											
<p>Fax Number: 6784738095 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: (678)473-8697 Email: arrisdocketing@arrisi.com Correspondent Name: Arris Group, Inc, Address Line 1: 3871 Lakefield Drive Address Line 4: Suwanee, GEORGIA 30024</p>											
ATTORNEY DOCKET NUMBER:	CS40724										
NAME OF SUBMITTER:	Lori Anne D. Swanson										
Signature:	/Lori Anne D. Swanson/										
Date:	09/04/2013										
Total Attachments: 3 source=CS40724_Assignment_Signed#page1.tif source=CS40724_Assignment_Signed#page2.tif source=CS40724_Assignment_Signed#page3.tif											

CH \$40.00 14017388

WHEREAS we, **Dean A. Stoneback of Harleysville, Pennsylvania** and **Nagesh S. Nandiraju of Horsham, Pennsylvania**, (hereinafter collectively referred to as ASSIGNOR), have invented certain inventions and improvements entitled **"Timing Correction for a DOCSIS Edge-Qam"**, and we hereby authorize and request a designated attorney associated with Customer No. 21924, to insert here in parentheses (**Application Number _____, filed _____**) the application number and filing date of said application when known; and as described, illustrated and claimed in the following applications: **U.S. Provisional Application No. 61/718,703, filed on October 25, 2012, entitled Timing Correction for a DOCSIS Edge-Qam**", and;

WHEREAS, ARRIS Enterprises, 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.

8/27/13

Date _____

Dean A. Stumbach

Dean A. Stoneback

United States of America)
Commonwealth of Pennsylvania) SS
County of Montgomery)

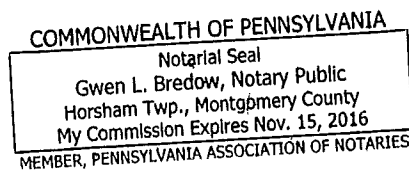
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **Dean A. Stoneback**, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 27th day of August, 2013.

My commission expires: 11/15/16

Sven L. Bredow

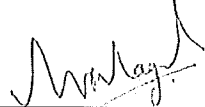
Notary Public Signature



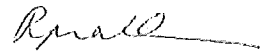
Gwen L. Bredaw

Printed Name of Notary Public

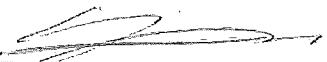
08/28/2013
Date


Nagesh S. Nandiraju

8/28/2013
Date


Witness #1

8/28/2013
Date


Witness #2