

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ARRIS Solutions, Inc.	05/29/2012
RECEIVING PARTY DATA	
Name:	Comcast Cable Communications, LLC
Street Address:	1701 John F Kennedy Blvd
City:	Philadelphia
State/Country:	PENNSYLVANIA
Postal Code:	19103-2838
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	5638516
CORRESPONDENCE DATA	
Fax Number:	(215)286-8508
Phone:	215-286-3177
Email:	jane_roberts@comcast.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Jane D Roberts
Address Line 1:	1701 John F Kennedy Blvd
Address Line 2:	One Comcast Center, 50th Floor
Address Line 4:	Philadelphia, PENNSYLVANIA 19103-2838
NAME OF SUBMITTER:	David L. Marcus
Total Attachments: 3 source=2012 05 29 Arris-Comcast Confirmatory Assignment (executed)#page1.tif source=2012 05 29 Arris-Comcast Confirmatory Assignment (executed)#page2.tif source=2012 05 29 Arris-Comcast Confirmatory Assignment (executed)#page3.tif	

OP \$40.00 5638516

SCHEDULE 1.1
CONFIRMATORY PATENT ASSIGNMENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
ASSIGNMENT

WHEREAS, ARRIS Solutions, Inc., a Delaware corporation, with a place of business at 3871 Lakefield Drive, Suwanee, Georgia 30024 ("ASSIGNOR") is the sole and exclusive owner of all legal and beneficial rights, title and interests in, to and under certain patent applications and patents, as set forth in Attachment 1 attached hereto and fully incorporated herein by this reference ("PATENTS"); and

WHEREAS, Comcast Cable Communications, LLC, a Delaware limited liability company, with offices at One Comcast Center, 1701 John F. Kennedy Boulevard, Philadelphia, Pennsylvania 19103-2838 ("ASSIGNEE"), desires to acquire all of the legal and beneficial rights, title and interests owned by ASSIGNOR in, to and under the PATENTS;

WHEREAS, ASSIGNOR and ASSIGNEE have entered into a certain Patent Assignment Agreement, having an Effective Date of May 29, 2012, assigning, among other things, all rights, title and interests in, to and under the PATENTS of every kind and character throughout the world, legal, beneficial and otherwise, from ASSIGNOR to ASSIGNEE;

NOW, THEREFORE, in consideration of the good and valuable consideration provided by ASSIGNEE to ASSIGNOR, including without limitation that provided under that certain Patent Assignment Agreement, the receipt and sufficiency of which hereby is acknowledged, ASSIGNOR does hereby irrevocably assign, convey, sell, grant and transfer and agree to assign, convey, sell, grant and transfer to Assignee all of Assignor's rights, title and interests of every kind and character throughout the world, legal, beneficial and otherwise, in, to and under the Patents to the full extent of its ownership, rights, title and interests therein, including, without limitation, all domestic and foreign patent applications and registrations therefor (and all patents that issue therefrom) and all divisions, continuations, continuations-in-part, reexaminations, substitutions, reissues, extensions and renewals of such applications, registrations and patents, and the right to apply for any of the foregoing; all goodwill associated therewith; all rights to causes of action and remedies related thereto (including, without limitation, the right to sue for past, present or future infringement, misappropriation or violation of rights related to the foregoing and to retain any damages and profits due or accrued); and any and all other rights and interests arising out of, in connection with or in relation to the Patents, including, without limitation, the right with respect to the Patents to claim priority to any patent application or patent related to the Patents not assigned, conveyed, sold or transferred by Assignor to Assignee under this Agreement, if any.

[signature page follows]

IN WITNESS WHEREOF, ASSIGNOR has caused this Confirmatory Patent Assignment to be duly executed by an authorized officer on this 29th day of May, 2012.

By: Laurence A. Marcellis
Name: LAURENCE A. MARCELLIS
Title: EVP

STATE OF _____)
) ss.
COUNTY OF _____)

On _____, 201_, before me, the undersigned notary public in and for said County and State, personally appeared _____

_____ personally known to me [or]
_____ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) _____ subscribed to the within instrument and acknowledged to me that _____ executed the same in _____ authorized capacity(ies) and that, by _____ signature(s) on the instrument, the person(s) or the entity(ies) upon behalf of which the person(s) acted executed the instrument.

WITNESS my hand and official seal.

My commission expires on

ATTACHMENT I TO CONFIRMATORY PATENT ASSIGNMENT

PATENTS

SERIAL NUMBER OR REGISTRATION NUMBER	COUNTRY	FILING OR ISSUE DATE
Pat. No. 5,638,516	United States of America	June 10, 1997
Appl. No. 08/283,572	United States of America	August 1, 1994
Appl. No. PCT/US95/09474	N/A (WIPO)	July 28, 1995
Pat. No. AU 694255	Australia	July 6, 1998
Appl. No. AU 199531505	Australia	July 28, 1995
Pat. No. CA 2196567	Canada	March 13, 2001
Appl. No. CA 2196567	Canada	July 28, 1995
Pat. No. DE 69505826	Germany	May 27, 1999
Appl. No. EP95927484.6	Germany	July 28, 1995
Pat. No. EP 774138	France	November 4, 1998
Appl. No. EP 1995927484	N/A (European Patent Office designating France and Austria, Belgium, Switzerland, Germany, Denmark, Spain, United Kingdom, Greece, Ireland, Italy, Liechtenstein, Luxembourg, Monaco, Netherlands, Portugal, Sweden)	July 28, 1995
Pat. No. EP 774138	Italy	November 4, 1998
Pat. No. EP 774138	United Kingdom	November 4, 1998
Pat. No. JP 3586281	Japan	November 11, 2004
Appl. No. JP 1996506602	Japan	July 28, 1995
Pat. No. KR 100244512	Korea	Printed February 1, 2000
Appl. No. KR 19977000647	Korea	January 31, 1997