

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NGNA, LLC (d/b/a PolyCipher)	08/17/2012
RECEIVING PARTY DATA	
Name:	Comcast Cable Communications, LLC
Street Address:	1701 John F Kennedy Blvd
Internal Address:	One Comcast Center
City:	Philadelphia
State/Country:	PENNSYLVANIA
Postal Code:	19103-2838
PROPERTY NUMBERS Total: 3	
Property Type	Number
Patent Number:	6456716
Patent Number:	6148400
Patent Number:	5787172
CORRESPONDENCE DATA	
Fax Number:	2152868508
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<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
Address Line 4:	Philadelphia, PENNSYLVANIA 19103-2838
ATTORNEY DOCKET NUMBER:	NGNA
NAME OF SUBMITTER:	Melissa Doogan
Total Attachments: 2 source=12-8-21 Executed Assignment NGNA-CCCL#page1.tif source=12-8-21 Executed Assignment NGNA-CCCL#page2.tif	

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PATENT ASSIGNMENT

WHEREAS, NGNA, LLC, (d/b/a PolyCipher), a Delaware limited liability company ("ASSIGNOR"), is the sole owner of all rights, title and interests in, to and under certain patent applications and patents, as set forth in Attachment 1 attached hereto and incorporated herein by this reference and all patent applications throughout the world upon which such patent applications and patents are based ("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"), as the designee of ASSIGNOR member Comcast New Media Development, Inc., desires to acquire all of the rights, title and interests of ASSIGNOR in, to and under the PATENTS; and

WHEREAS, the members of ASSIGNOR have unanimously resolved to assign all of ASSIGNOR'S rights, title and interests in, to and under the PATENTS to ASSIGNEE.

NOW, THEREFORE, for good and valuable consideration, 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 ASIGNOR's rights, title and interests of every kind and character throughout the world in, to and under the PATENTS to the full extent of its ownership, rights or 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 and future infringement, misappropriation or violation of rights related to the foregoing and to retain any and all damages and profits due or accrued); and any and all other rights, title 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.

IN WITNESS WHEREOF, ASSIGNOR and ASSIGNEE have caused this Patent Assignment to be executed by their authorized representatives on this 17 day of August, 2012.

ASSIGNOR

NGNA, LLC

By: [Signature]

Name: Art Block

Title: Authorized Representative

ASSIGNEE

COMCAST CABLE COMMUNICATIONS, LLC

By: [Signature]

Name: Art Block

Title: SVP, Secretary

ATTACHMENT I TO PATENT ASSIGNMENT

APPLICATION SERIAL NUMBER OR PATENT NUMBER	APPLICATION COUNTRY	FILING DATE	ISSUE DATE
6,456,716	United States	02-May-2000	24-Sept-2002
6,148,400	United States	27-Jul-1998	14-Nov-2000
5,787,172	United States	24-Feb-1994	28-Jul-1998
0907270	United Kingdom	24-Feb-1995	15-Apr-2009
746927	United Kingdom	24-Feb-1995	20-Feb-2000
0907270	Switzerland	24-Feb-1995	15-Apr-2009
746927	Switzerland	24-Feb-1995	20-Feb-2000
0907270	Netherlands	24-Feb-1995	15-Apr-2009
0907270	Ireland	24-Feb-1995	15-Apr-2009
0907270	Germany	24-Feb-1995	15-Apr-2009
69514908.3	Germany	24-Feb-1995	20-Feb-2000
0907270	France	24-Feb-1995	15-Apr-2009
746927	France	24-Feb-1995	20-Feb-2000
0907270	EPC	24-Feb-1995	15-Apr-2009
746927	EPC	24-Feb-1995	20-Feb-2000
2636590	Canada	12-Aug-2008	
2184679	Canada	3-Sept-1996	10-Mar-2009