

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hughes Electronics Corporation	05/12/2009
RECEIVING PARTY DATA	
Name:	DTVG LICENSING, INC.
Street Address:	2230 E. Imperial Highway
Internal Address:	CA / LA1 / A109
City:	El Segundo
State/Country:	CALIFORNIA
Postal Code:	90245
PROPERTY NUMBERS Total: 14	
Property Type	Number
Application Number:	10353230
Application Number:	10961124
Application Number:	11186265
Application Number:	11710761
Application Number:	11938016
Application Number:	11938110
Application Number:	12195512
Patent Number:	6829308
Patent Number:	6963622
Patent Number:	7020829
Patent Number:	7191378
Patent Number:	7203887
Patent Number:	7398455
Patent Number:	7424662

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PATENT
REEL: 022668 FRAME: 0373

CORRESPONDENCE DATA

Fax Number: (310)964-0941

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 310-964-0735

Email: karen.lum@directv.com

Correspondent Name: The DIRECTV Group, Inc.

Address Line 1: 2230 E. Imperial Highway

Address Line 2: CA / LA1 / A109

Address Line 4: El Segundo, CALIFORNIA 90245

ATTORNEY DOCKET NUMBER:

ASSN.HEC-DTVG LICENSING

NAME OF SUBMITTER:

Karen L. Lum

Total Attachments: 4

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**CONFIRMATORY
ASSIGNMENT OF PATENTS**

WHEREAS, HUGHES ELECTRONICS CORPORATION, now known as The DIRECTV Group, Inc., a Delaware corporation having a place of business at 2230 East Imperial Highway, El Segundo, California 90245 ("Assignor"), was the owner of the patent registrations and patent applications listed on Schedule A hereto (the "Assigned Patents");

WHEREAS, by contractual agreement effective on or about August 14, 2008 Assignor assigned to DTVG LICENSING, INC., a California corporation having a place of business at 2230 East Imperial Highway, El Segundo, California 90245 ("Assignee"), certain assets including Assignor's right, title and interest in and to the Assigned Patents, as further specified below; and

WHEREAS, Assignor desires to confirm the sale, assignment, transfer and conveyance of such right, title and interest in and to the Assigned Patents, as further specified below, to Assignee.

NOW, THEREFORE, for good and valuable consideration provided by Assignee, the receipt of which is hereby acknowledged, Assignor hereby confirms the sale, assignment, transfer and conveyance to Assignee of Assignor's right, title and interest in and to the Assigned Patents, and all Letters Patent of The United States of America and any foreign jurisdictions which may be granted thereon, and any continuations, continuations-in-part, reissues, reexaminations, extensions or the like subsequently arising therefrom, all subject to certain retained rights and other exceptions as set forth in associated contractual agreements between Assignor and Assignee.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be signed as of this 12th day of May 2009.

On behalf of:
HUGHES ELECTRONICS CORPORATION,
now The DIRECTV Group, Inc.

By: _____

Name: Larry D. Hunter

Title: Executive Vice President

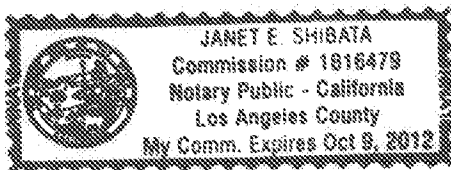
ACKNOWLEDGEMENT

STATE OF California)
) SS:
COUNTY OF Los Angeles)

On May 12, 2009, before me, Janet E. Shibata, a Notary Public in and for said State, personally appeared LARRY D. HUNTER, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Janet E. Shibata
Notary Public

SCHEDULE A to CONFIRMATORY ASSIGNMENT OF PATENTS

PATENTS

Issued Patents:

Country	Patent Number	Issue Date	Title
US	6,829,308	Dec 07 2004	SATELLITE COMMUNICATION SYSTEM UTILIZING LOW DENSITY PARITY CHECK CODES
US	6,963,622	Nov 08 2005	BIT LABELING FOR AMPLITUDE PHASE SHIFT CONSTELLATION USED WITH LOW DENSITY PARITY CHECK (LDPC) CODES
US	7,020,829	Mar 28 2006	METHOD AND SYSTEM FOR DECODING LOW DENSITY PARITY CHECK (LDPC) CODES
US	7,191,378	Mar 13 2007	METHOD AND SYSTEM FOR PROVIDING LOW DENSITY PARITY CHECK (LDPC) ENCODING
US	7,203,887	Apr 10 2007	METHOD AND SYSTEM FOR ROUTING IN LOW DENSITY PARITY CHECK (LDPC) DECODERS
US	7,398,455	Jul 08 2008	METHOD AND SYSTEM FOR DECODING LOW DENSITY PARITY CHECK (LDPC) CODES
US	7,424,662	Sep 09 2008	METHOD AND SYSTEM FOR PROVIDING LOW DENSITY PARITY CHECK (LDPC) ENCODING

SCHEDULE A to CONFIRMATORY ASSIGNMENT OF PATENT APPLICATIONS**PENDING APPLICATIONS**

Patent Applications:

Country	Patent Application Number	Filing Date	Title
US	10353230	Jan 28 2003	METHOD AND SYSTEM FOR GENERATING LOW DENSITY PARITY CHECK CODES
US	10961124	Oct 08 2004	SATELLITE COMMUNICATION SYSTEM UTILIZING LOW DENSITY PARITY CHECK CODES
US	11186265	Jul 21 2005	BIT LABELING FOR AMPLITUDE PHASE SHIFT CONSTELLATION USED WITH LOW DENSITY PARITY CHECK (LDPC) CODES
US	11710761	Feb 26 2007	METHOD AND SYSTEM FOR ROUTING IN LOW DENSITY PARITY CHECK (LDPC) DECODERS
US	11938016	Nov 09 2007	METHOD AND SYSTEM FOR GENERATING LOW DENSITY PARITY CHECK CODES
US	11938110	Nov 09 2007	METHOD AND SYSTEM FOR DECODING LOW DENSITY PARITY CHECK (LDPC) CODES
US	12195512	Aug 21 2008	METHOD AND SYSTEM FOR PROVIDING LOW DENSITY PARITY CHECK (LDPC) ENCODING