

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2928852

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	LIBERATE TECHNOLOGIES	09/30/2005
RECEIVING PARTY DATA		
Name:	TVWORKS, LLC	
Street Address:	1701 JOHN F. KENNEDY BLVD.	
City:	PHILADELPHIA	
State/Country:	PENNSYLVANIA	
Postal Code:	19103	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14325464
CORRESPONDENCE DATA		
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
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Email:	bwptopat@bannerwitcoff.com, jbrady@bannerwitcoff.com	
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ATTORNEY DOCKET NUMBER:	007412.02746	
NAME OF SUBMITTER:	EVAN M. CLARK (REG. NO. 64,836)	
SIGNATURE:	/Evan M. Clark/	
DATE SIGNED:	07/08/2014	
Total Attachments: 3		
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source=Assignment Liberate to TVWorks#page3.tif		

ASSIGNMENT
(U.S. applications)

WHEREAS, Liberate Technologies, a Delaware corporation having a principal place of business at 2655 Campus Dr., Suite 250, San Mateo, California 94403, USA (hereinafter, "ASSIGNOR") is the owner of the entire right, title and interest in and to certain patent applications listed on Exhibit A annexed hereto (collectively referred to together with all patents that issue from all such applications as the "Patents") and the inventions disclosed and claimed in the Patents (collectively referred to as the "Inventions"); and

WHEREAS, TVWorks, LLC, a Delaware limited liability company having a principal place of business at c/o Comcast Corporation, 1500 Market Street, Philadelphia, Pennsylvania 19102 (hereinafter, "ASSIGNEE"), desires to acquire all right, title, and interest in and to the Patents and Inventions in the United States of America and its territories and possessions, Canada and its territories and possessions, and Mexico and its territories and possessions (collectively referred to as "North America"); and

WHEREAS, this Assignment is made pursuant to the January 10, 2005 Asset Purchase Agreement entered into by ASSIGNOR and ASSIGNEE.

NOW, THEREFORE, for and in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, and to ASSIGNEE'S successors and assigns, ASSIGNOR'S entire right, title and interest in and to:

- (a) the right to claim priority to any of the Patents in any patent application or similar legal protection in North America,
 - (b) all Patents and every North American counterpart, continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue of any of the Patents (collectively, the "North American Patents"), all for the full term or terms for which the same may be granted, and
 - (c) all claims for damages by reason of past infringement of the North American Patents and the right to sue for and collect such damages for its own use,
- all North American Patents and other rights set forth herein to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made.

ASSIGNOR further agrees, upon request, to provide ASSIGNEE with all pertinent facts and documents relating to the Patents as may be known and accessible, to testify at ASSIGNEE's expense as to the same in any interference or litigation related thereto, promptly to execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce the Patents that may be necessary or desirable to carry out the purposes thereof.

[SIGNATURE APPEARS ON FOLLOWING PAGE]

Liberate Technologies U.S. Applications Assignment

ASSIGNOR:
Liberate TechnologiesBy: Mark R. Scodina
Name: MARK R SCODINA
Title: GENERAL COUNSELSTATE OF CALIFORNIA

Before me, a Notary Public in and for the State of CALIFORNIA, on this 30th day of
SEPTEMBER, 2005, personally appeared, who being duly sworn, signed and acknowledged the
foregoing Assignment as his/her free act and deed.



(Seal)

Sylvia N. Acacio
NOTARY PUBLIC
My Commission Expires:

Liberate Technologies U.S. Applications Assignment

Exhibit A

United States Application No.	Date Filed
11/033,298	1/19/2005
11/045,218	1/28/2005
11/082,244	3/16/2005
11/103,257	4/11/2005

ATTENTION: 01/11/03