504721137 01/09/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4767860 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM BECKETT	01/09/2018
GAURAV GUPTA	01/09/2018
MILENA MARKOVA	01/09/2018

RECEIVING PARTY DATA

Name:	NBCUniversal Media LLC
Street Address:	30 Rockefeller
City:	New York
State/Country:	NEW YORK
Postal Code:	10112

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15866105

CORRESPONDENCE DATA

Fax Number: (281)970-4503

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.

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NBCUNIVERSAL MEDIA LLC C/O FLETCHERYODER **Correspondent Name:**

Address Line 1: P.O. BOX 692289

Address Line 4: **HOUSTON, TEXAS 77269-2289**

ATTORNEY DOCKET NUMBER:	311881-2 (NBCU:0127B)
NAME OF SUBMITTER:	JASON M. GUERRERO
SIGNATURE:	/JASON M. GUERRERO/
DATE SIGNED:	01/09/2018

Total Attachments: 4

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to NBCUniversal Media, LLC (the "Assignee"), a Delaware limited liability company, having a place of business at 30 Rockefeller Plaza, New York, New York 10112, the entire right, title and interest for the United States and all foreign countries in and to any and all inventions and improvements which are disclosed in the application for United States Letters Patent, which is entitled "DERIVATIVE MEDIA CONTENT SYSTEMS AND METHODS," and which may be further identified below, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States, including all provisional and non-provisional applications, and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST that any attorney associated with PTO Customer No. 12640 may delete, insert, or alter any information identifying this application, or any related application, below after execution of this assignment;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and without further consideration, but at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

	Additional Application Information				
U.S. Provisional Application Serial No. , filed on					
U.S. Non-Provisional Application Serial No. 15/866,105 , filed on Janua	ry 9, 2018				
International Application Serial No, filed on	3				

PATENT: Assignment 311881-2 (NBCU:0127B)

Signature:

With BECKETT

With BECKETT

With BECKETT

Date: 1/9/2018

A Z GAR INAMATULAM

Printed Name of Witness

Witnessed by: Date: 1/9/2018

Signature

Adam Casson

Printed Name of Witness

INVENTOR 3

Signature: Date: 01/09/2

Witnessed by: $\sqrt{\frac{9}{2010}}$

AZFAR INATATULAH

Printed Name of Witness

Witnessed by: Nate: 1/9/2018

Hdam Casson
Printed Name of Witness

INVENTOR 2

Signature: __

Witnessed by:

Adam Cassen

Printed Name of Witness

Printed Name of Witness

PATENT REEL: 044577 FRAME: 0498

RECORDED: 01/09/2018