502157052 12/10/2012

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jonathan Reed Hodges	10/18/2012
Emre Celik	10/19/2012

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13656104

CORRESPONDENCE DATA

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

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Correspondent Name: NBCUniversal Media LLC c/o FletcherYoder

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ATTORNEY DOCKET NUMBER:	311022-1 (NBCU:0095)	
NAME OF SUBMITTER:	Patrick S. Yoder	

Total Attachments: 4

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PATENT REEL: 029440 FRAME: 0047

502157052

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 "**ADAPTABLE MASS DATA MESSAGE RECEIPT AND HAND SYSTEM AND METHOD**," 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. 13/656,104, filed on October 19, 2012.		
International Application Serial No	, filed on	

PATENT REEL: 029440 FRAME: 0048 INVENTOR:

Jonathan Reed Hodges

STATE OF Colomba) \$8.
COUNTY OF Daywor)

This 18 day of 0.45. Defore me personally came the above-named Jonathan Reed Hodges, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.



(Notary Public)

INVENTOR:			
Emre Celik	(pa)	Date: 10/19/12	
STATE OF)		
COUNTY OF) §§.)		
This	day of,	before me personally came the above-named Emre Celik,	to ma
personally known a	the individual who executed the foregon free will for the purposes therein set for	ding assignment, who acknowledged to me thathe/she execu	ted the
	a market and the second		
Seal	***************************************		
	(No	otary Public)	
	pel attached cei	Africate	

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California County of <u>LOS Angeles</u> On <u>October A 2012</u> before me, <u>Mare Celi</u> personally appeared <u>Emre Celi</u>	Aren A. Schmitt Notary Public, Here insert Name and Ville of the Officer Name(s) of Signer(s)		
KAREN A. SCHMITT Commission # 1817957 Notary Public - California Los Angeles County My Comm. Expires Nov 11, 2012	who proved to me on the basis of satisfactory evidence to be the person whose name sis/as subscribed to the within instrument and acknowledged to me that he/sis/as executed the same in his/as authorized capacity(as), and that by his/as signature(a) on the instrument the person 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.		
Place Notary Seal Above	WITNESS my hand and official seal. Signature Signature of Notary Public Signature of Notary Public		
Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.			
Description of Attached Document			
Title or Type of Document: 455/9/1/12	at		
Document Date: October 19, 2012	Number of Pages: 3		
Signer(s) Other Than Named Above:	V/A		
Capacity(ies) Claimed by Signer(s)			
Signer's Name: <u>Enve Ce/i</u> K Sindividual	Signer's Name:		
Corporate Officer — Title(s):	○ Corporate Officer — Title(s):		
☐ Partner — ☐ Limited ☐ General ☐ Attorney in Fact ☐ Trustee ☐ Guardian or Conservator ☐ Other:	☐ Partner — ☐ Limited ☐ General ☐ Attorney in Fact ☐ Trustee ☐ Guardian or Conservator ☐ Other:		
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