504105568 11/21/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4152237

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PATRICK SCOTT CARTER	04/29/2014
DIANA HORN	04/29/2014
SUMAN RAY	04/29/2014

RECEIVING PARTY DATA

Name:	AT&T Mobility II LLC	
Street Address:	1025 Lenox Park Boulevard	
City:	Atlanta	
State/Country:	GEORGIA	
Postal Code: 30319		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15357359

CORRESPONDENCE DATA

Fax Number: (908)532-1991

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.

Phone: 9085321918

Email: adam@hciplaw.com

AT&T LEGAL DEPARTMENT - H&C ATTN: PATENT **Correspondent Name:**

Address Line 1: ONE AT&T WAY Address Line 2: **ROOM 2A-207**

Address Line 4: BEDMINSTER, NEW JERSEY 07921

ATTORNEY DOCKET NUMBER:	2013-1541CON/27.5641USC1	
NAME OF SUBMITTER:	ADAM J. CITRIN	
SIGNATURE:	/Adam J. Citrin/	
DATE SIGNED:	11/21/2016	

Total Attachments: 6

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PATENT REEL: 040393 FRAME: 0143 504105568

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> PATENT REEL: 040393 FRAME: 0144

ASSIGNMENT

WHEREAS, I, Patrick Scott Carter, residing at 2901 W. 119th Street, Leawood, KS, 66209, USA, am listed as an inventor on a patent application entitled "Explorable Augmented Reality Displays," having AT&T Docket No. 2013-1541, the patent application to be filed in the United States Patent & Trademark Office; and

WHEREAS, AT&T Mobility II LLC, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 1025 Lenox Park Boulevard, Atlanta, GA 30319 (hereinafter referred to as "Assignee"), desires to acquire the entire right, title and interest for the United States of America and elsewhere throughout the world in and to said invention and the patent application identified above, including any and all divisions and continuations thereof and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereto;

NOW THEREFORE, be it known that for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention and this non-provisional application, and all divisions, substitutions, and continuations thereof; and all Letters Patent of the United States which may be granted thereon, and all reexaminations and reissues thereof; and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application; and all applications for Letters Patent which may hereafter be filled for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, including certificates of inventions, utility models, industrial design protection, design patent protection, and other governmental grants or issuances; and all extensions, renewals, prolongations, and reissues thereof; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term and terms for all such patents;

AND, I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any assignment, sale, license, agreement, or encumbrance in conflict with this Assignment;

AND, I HEREBY further covenant and agree, for the Assignor and the Assignor's legal representatives, that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention; assist the Assignee in the prosecution of the patent application identified above; assist in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; testify in any interference, litigation, or other legal proceeding; sign all lawful papers when called upon to do so; execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns; execute all divisional, continuation, and reissue applications; make all rightful oaths and generally do everything possible to aid Assignee, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee; and hereby instruct, and further covenant and agree to bind my heirs, legal representatives, and assigns, to do same, without compensation, but at the expense of Assignee or its representatives.

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AND, I HEREBY consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Mobility II LLC to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

This Assignment may be executed in any number of counterparts, each of which when so executed and delivered shall be deemed an original, and such counterparts together shall constitute one and the same instrument. A facsimile copy of this Assignment, or any form of an electronic copy of this Assignment, including the signature pages hereto, shall be deemed to be an original.

_£	IN TESTIMONY WHEREOF, I have hereunto set my hand this 29th day of Patrick Scott Carter
STA	ATE OF Missouri)) ss. UNTY OF Jacksor)
COL	UNTY OF Jacksor)"
abov	On this 29th day of April , 2014, before me a Notary Public in and for the ve County and State, personally appeared Patrick Scott Carter, and acknowledged the execution of foregoing assignment as his/her free act and deed for the purpose herein set forth.
[SE.	ALICIA WALTON Notary Public - Notary Seal State of Missouri Commissioned for Jackson County My Commission Expires: Sept. 5, 2016 12391234

p.2

Attorney Docket No. 2013-1541 / 60027,5641U801

ASSIGNMENT

WHEREAS, I. Diana Horn, residing at 1533 Anna Ruby Ln., Kennesew, Georgia, 30152, USA, am listed as an inventor on a patent application entitled "Explorable Augmented Reality Displays," having AT&T Docket No. 2013-1541, the patent application to be filed in the United States Patent & Trademark Office; and

WHEREAS, AT&T Mobility II LLC, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 1025 Lenox Park Boulevard, Atlanta, GA 30319 (hereinafter referred to as "Assignee"), desires to acquire the entire right, title and interest for the United States of America and elsewhere throughout the world in and to said invention and the patent application identified above, including any and all divisions and continuations thereof and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereto:

NOW THEREFORE, be it known that for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration the receipt of which from Assignce is hereby acknowledged. I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention and this non-provisional application, and all divisions, substitutions, and continuations thereof; and all Letters Patent of the United States which may be granted thereon, and all reexaminations and reissues thereof; and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application; and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, including certificates of inventions, utility models, industrial design protection, design patent protection, and other governmental grants or issuances; and all extensions, renewals, prolongations, and reissues thereof; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term and terms for all such patents;

AND, I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any assignment, sale, license, agreement, or encumbrance in conflict with this Assignment;

AND, I HEREBY further covenant and agree, for the Assignor and the Assignor's legal representatives, that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention; assist the Assignee in the prosecution of the patent application identified above; assist in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; testify in any interference, litigation, or other legal proceeding; sign all lawful papers when called upon to do so; execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee. its successors or assigns; execute all divisional, continuation, and reissue applications; make all rightful oaths and generally do everything possible to aid Assignee, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee; and hereby instruct, and further covenant and agree to bind my heirs, legal representatives, and assigns, to do same, without compensation, but at the expense of Assignee or its representatives.

Page 1 of 2

Attorney Docket No. 2013-1541 / 60027,5641US01

AND, I HEREBY consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Mobility II LLC to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

This Assignment may be executed in any number of counterparts, each of which when so executed and delivered shall be deemed an original, and such counterparts together shall constitute one and the same instrument. A facsimile copy of this Assignment, or any form of an electronic copy of this Assignment, including the signature pages hereto, shall be deemed to be an original.

ACCIDENTIMONY WHEREOF, I have hereunto set my hand this 29 day of

Diana Horn

STATE OF General Section 1 set my hand this 29 day of

Diana Horn

On this 27 day of 12014, before me a Notary Public in and for the above County and State, personally appeared Disna Horn, and acknowledged the execution of the foregoing assignment as his/her free act and deed for the purpose herein set forth.

[SEAL]

Notary Public

ASSIGNMENT

WHEREAS, I, **Suman Ray**, residing at 789 Hammond Drive, Apt. 2810, Atlanta, Georgia, 30328, USA, am listed as an inventor on a patent application entitled "**Explorable Augmented Reality Displays**," having AT&T Docket No. 2013-1541, the patent application to be filed in the United States Patent & Trademark Office; and

WHEREAS, AT&T Mobility II LLC, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 1025 Lenox Park Boulevard, Atlanta, GA 30319 (hereinafter referred to as "Assignee"), desires to acquire the entire right, title and interest for the United States of America and elsewhere throughout the world in and to said invention and the patent application identified above, including any and all divisions and continuations thereof and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereto;

NOW THEREFORE, be it known that for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention and this non-provisional application, and all divisions, substitutions, and continuations thereof; and all Letters Patent of the United States which may be granted thereon, and all reexaminations and reissues thereof; and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application; and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, including certificates of inventions, utility models, industrial design protection, design patent protection, and other governmental grants or issuances; and all extensions, renewals, prolongations, and reissues thereof; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term and terms for all such patents;

AND, I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any assignment, sale, license, agreement, or encumbrance in conflict with this Assignment;

AND, I HEREBY further covenant and agree, for the Assignor and the Assignor's legal representatives, that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention; assist the Assignee in the prosecution of the patent application identified above; assist in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; testify in any interference, litigation, or other legal proceeding; sign all lawful papers when called upon to do so; execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns; execute all divisional, continuation, and reissue applications; make all rightful oaths and generally do everything possible to aid Assignee, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee; and hereby instruct, and further covenant and agree to bind my heirs, legal representatives, and assigns, to do same, without compensation, but at the expense of Assignee or its representatives.

Page 1 of 2

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IN TESTIMONY WHEREOF, I I	have hereunto set my hand this 29 day of
Sum	an Ray
STATE OF Georgia) ss.	·
On this day of above County and State, personally appeared Sun foregoing assignment as his/her free act and deed for	, 2014, before me a Notary Public in and for the man Ray, and acknowledged the execution of the the purpose herein set forth.
[SEAL] Nota	my Public 04/29/2014
	PAUL LAZO NOTARY PUBLIC Cobb County State of Georgia My Gemm. Expires April 3, 2018