503628476 12/29/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3675106

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAYMOND EMILIO REEVES	06/22/2011
RYAN ALAN WICK	06/29/2011

RECEIVING PARTY DATA

Name:	SPRINT COMMUNICATIONS COMPANY L.P.	
Street Address:	6391 SPRINT PARKWAY	
Internal Address:	KSOPHT0101-Z2100	
City:	OVERLAND PARK	
State/Country:	KANSAS	
Postal Code:	66251-2100	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14980739

CORRESPONDENCE DATA

Fax Number: (816)421-5547

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: 8164746550

Email: rebrown@shb.com

Correspondent Name: RYAN ERIC BROWN (X11542) Address Line 1: SHOOK, HARDY, & BACON L.L.P.

Address Line 2: 2555 GRAND BLVD.

Address Line 4: KANSAS CITY, MISSOURI 64108

ATTORNEY DOCKET NUMBER:	7906A/SPRI.247392
NAME OF SUBMITTER:	MONPLAISIR HAMILTON
SIGNATURE:	/MONPLAISIR HAMILTON/
DATE SIGNED:	12/29/2015

Total Attachments: 4

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> **PATENT REEL: 037377 FRAME: 0075** 503628476

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PATENT REEL: 037377 FRAME: 0076

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

INVENTOR(S): RAYMOND EMILIO REEVES and RYAN ALAN WICK

I hereby declare that I am an original, first and joint inventor of the invention relating to

Temporal Shift of Object Resolution and Optimization

described in an application for Letters Patent of the United States of America, executed by me on even date with my execution of this Assignment.

For valuable consideration received, I hereby sell, assign and transfer to SPRINT COMMUNICATIONS COMPANY L.P., a limited partnership duly organized and existing under the laws of the State of Delaware, United States of America, its successors and assigns, my entire right, title and interest, for all countries in and to said inventions and all the rights and privileges under any and all Letters Patent that may be granted therefore, and any divisions, continuations, reissues and extensions thereof.

I agree that, when requested, I will, without charge to said limited partnership but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said limited partnership, its successors, assigns or nominees.

I agree that I will communicate to said limited partnership or its representatives any facts known to me respecting said inventions and when requested by said limited partnership and at its expense will testify in any legal proceedings, and generally do everything possible to aid said limited partnership, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said limited partnership, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said limited partnership or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

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PATENT REEL: 037377 FRAME: 0077 I covenant with SPRINT COMMUNICATIONS COMPANY L.P., its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have the full right to convey the same as herein expressed.

This Agreement and Assignment supersedes all other assignments, agreements and addenda related to the above identified application.

Please direct any questions regarding this Assignment to:

Attn: Customer No. 32423 Steven J. Funk (913) 315-9274

Inventor's Signature:	RAYMOND EMILIO REEVES	6/22/11 Date
Residence:	OLATHE, KANSAS	
Citizenship:	US	
Post Office address:	11471 S. CHOUTEAU STREET	
1st Witness:	OLATHE, KS 66061 FF CALLAN	He Colon
	(Type or Print Name)	(S)gnature)
2nd Witness: Brow	ke Bobe	Brook Dove
*	(Type or Print Name)	(Signature)

C	RYAN ALAN WICK	Date
Residence:	Apollo Beach, Florida	
Citizenship:	US	
Post Office address:	235 Apollo Beach Blvd., # 103	
	Apollo Beach, FL 33572	
1st Witness:		
	(Type or Print Name)	(Signature)
2nd Witness:		
	(Type or Print Name)	(Signature)

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I agree that, when requested, I will, without charge to said limited partnership but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said limited partnership, its successors, assigns or nominees.

I agree that I will communicate to said limited partnership or its representatives any facts known to me respecting said inventions and when requested by said limited partnership and at its expense will testify in any legal proceedings, and generally do everything possible to aid said limited partnership, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said limited partnership, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said limited partnership or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

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I covenant with SPRINT COMMUNICATIONS COMPANY L.P., its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have the full right to convey the same as herein expressed.

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Steven J. Funk (913) 315-9274

Inventor's Signature:	RAYMOND EMILIO REEVES	Date	æ.
Residence:	OLATHE, KANSAS		
Citizenship:	US		
Post Office address:	11471 S. CHOUTEAU STREET OLATHE, KS 66061		
1st Witness:			
2,00	(Type or Print Name)	(Signature)	
2nd Witness:			
	(Type or Print Name)	(Signature)	**

Inventor's Signature:		429/2011
	AYAN ALAN WICK	Date
Residence:	APOLLO BEACH, FLORIDA	
Citizenship:	US	A Comment of the Comm
Post Office address:	5325 LOON NEST CT.	
1	APOLLO BEACH, FL 33572	A_{i}
1st Witness:	Jeyt-Genan	
	(Type or Print Name)	(Signature)
2nd Witness: <u>Jef</u>	4 Young	Ja N. Marrie
	(Type or Print Name)	(Signature)

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