PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Rogelio MARTINEZ	03/30/2012
Phillip CARTER	05/17/2012
Oscar GALLEGO GOMEZ	04/03/2012
Alfonso GOMEZ	03/30/2012
Jonathon MARCHANT	04/03/2012

RECEIVING PARTY DATA

Name:	Vodafone IP Licensing Limited
Street Address:	Vodafone House, The Connection,
City:	Newbury, Berkshire
State/Country:	UNITED KINGDOM
Postal Code:	RG14 2FN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13370463

CORRESPONDENCE DATA

Fax Number: (202)887-0357 Phone: (202) 659-2930

Email: ljones@kqhpatentlaw.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: KRATZ, QUINTOS & HANSON, LLP

Address Line 1: 4th Floor

Address Line 2: 1420 K Street, N.W.

Address Line 4: Washington, DISTRICT OF COLUMBIA 20005

ATTORNEY DOCKET NUMBER: 120068

NAME OF SUBMITTER: Mel R. Quintos

PATENT

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PATENT REEL: 028232 FRAME: 0490

U.S. ASSIGNMENT

(Insert ASSIGNEE's	IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by Vodafone IP Licensing Limited		
Name(s) Address(es))	Vodafone House, The Connect	ion, Newbury, Berkshire RG14 2FN.	United Kingdom
	(hereinafter ASSIGNEE), the red ASSIGNOR hereby sells, assign and interest to the invention enti	ceipt of which is hereby acknowledged s and transfers to ASSIGNEE the entire tled:	, the undersigned e and exclusive right, title
(Title of Invention)	COMMUNICATIONS SYSTE	M AND METHOD	
(*If the assignment is being filed after the filing of the application, this	unless otherwise indicated below		ecuted on even date herewith
section must be completed)	* filed on <u>February 10, 2012</u> , Serial No. <u>13/370,463</u> . (Kratz, Quintos & Hanson, LLP is hereby authorized to insert the serial code, serial number and/or filing date hereon, when known)		
	and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.		
	The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.		
	The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.		
(Signatures)	IN WITNESS WHEREOF, the	undersigned inventor(s) has (have) affit Rogelio MARTINEZ	xed his/her/their signature(s).
	(Signature)	(Type Name)	(Date)
		Phillip CARTER	
	(Signature)	(Type Name)	(Date)
		Oscar GALLEGO	
	(Signature)	(Type Name)	(Date)
	(Signature)	Alfonso GOMEZ (Type Name)	(Date)
		Jonathon MARCHANT	
	(Signature)	(Type Name)	(Date)

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(Date)

(Date)

(Type Name)

(Type Name)

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(Signature)

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(Insert ASSIGNEE's	consideration paid to the under Vodafone IP Licensing Limit		OK; Dy
Name(5) Address(c5))	Vodafone House, The Conne	ction, Newbury, Berkshire RG14 2FN,	United Kingdom
	the section of the se	eceipt of which is hereby acknowledged ons and transfers to ASSIGNEE the entir	, the undersigned
(Title of invention)	COMMUNICATIONS SYST	TEM AND METHOD	
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(*If the assignment is being filed after the filing of the	for which application for Lett unless otherwise indicated belo	ters Patent of the United States was ex-	ecuted on even date herewith
application, this section must be	* filed on February 10, 20	12, Serial No. <u>13/378.463</u> .	is and the second secon
completed)	(Kratz, Quintes & Hanson, i filing date hereon, when know	LLP is hereby authorized to insert the se	rial code, serial number and/or
	and all Letters Patent of the continuation, divisional, subs- which the same may be grante	United States to be obtained therefore the best of the contraction thereof d.	r on said application or any for the full term or terms for
	commingation divisional reiss	ecute all papers necessary in connection ue or reexamination applications thereovith such applications as the ASSIGN	f and also to execute separate
	litigation, or other legal pro- continuation, divisional, reiss thereon and to cooperate wit	execute all papers necessary in comme ceeding which may be declared conce ue or reexamination thereof or Letters I h the ASSIGNEE in every way possib such interference, litigation, or other leg	ming this application or any Patent or reissue patent issued to in obtaining and producing
	IN WITNESS WHEREOF, d	ne undersigned inventor(s) has (have) aff	ixed his/her/their signature(s).
(Signatures)		AN AN AN AN ANTERNATION	
	(Signature)	Rogelio MARTINEZ (Type Name)	(Date)
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	(Signature)	(Type Name)	(Date)
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	(Signature)	Oscar GALLEGO (Type Name)	(Date)
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	(Signature)	Alfonse GOMEZ (Type Name)	(Date)
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	(Signature)	Jonathon MARCHANT (Type Name)	(Date)
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(Type Name)

(Type Name)

(Date)

(Date)

(Signature)

(Signature)

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by (Insert ASSIGNEE's Vodafone IP Licensing Limited Name(s) Address(es)) Vodafone House, The Connection, Newbury, Berkshire RG14 2FN, United Kingdom (hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled: (Title of Invention) COMMUNICATIONS SYSTEM AND METHOD for which application for Letters Patent of the United States was executed on even date herewith (*If the assignment is being filed after the unless otherwise indicated below: filing of the application, this * filed on February 10, 2012, Serial No. 13/370,463. section must be completed)

(Kratz, Quintos & Hanson, LLP is hereby authorized to insert the serial code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted,

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

30.000.00000000000000000000000000000000	Rogelio MARTINEZ	
(Signature)	(Type Name)	(Date)
	Phillip CARTER	
(Signature)	(Type Name)	(Date)
Market and the second s	Oscar GALLEGO	
(Signature)	(Type Name)	(Date)
	Alfonse GOMEZ	3-30-2012
(Signature)	(Type Name)	(Date)
	Jonathon MARCHANT	
(Signature)	(Type Name)	(Date)
(Signature)	(Type Name)	(Date)
(Signature)	(Type Name)	(Date)

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U.S. ASSIGNMENT

(Insen ASSIGNEE's Name(s) Address(es)) IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by Vodafone IP Licensing Limited

Vodafone House, The Connection, Newbury, Berkshire RG14 2FN, United Kingdom

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled:

(Title of Invention)

COMMUNICATIONS SYSTEM AND METHOD

(*If the assignment is being filed after the filling of the application, this section must be completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

filed on February 10, 2012, Social No. 13/370,463.

(Kratz, Quintos & Hanson, LLP is hereby authorized to insert the serial code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, hitigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

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(Signature)	(Type Name)	(Date)
	Phillip CARTER	
(Signature) >	(Type Name)	(Date)
- 14800-	Oscar GALLEGO COMEZ	03/04/2012
(Sighature)	(Type Name)	(Date)
	Alfonso GOMEZ DIAZ	
(Signature)	(Type Name)	(Date)
Mesalar	Jonathon MARCHANT	3/4/2012
(Signature)	(Type Name)	(Date)
(Signature)	(Type Name)	(Date)
(Signature)	(Type Name) PATE	NT (Date)

RECORDED: 05/18/2012

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