504425974 06/22/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4472674

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ADRIAN BUCKLEY	05/05/2017
ANDREW MICHAEL ALLEN	05/04/2017
MICHAEL EOIN BUCKLEY	05/04/2017

RECEIVING PARTY DATA

Name:	BLACKBERRY CORPORATION
Street Address:	3001 BISHOP DRIVE, SUITE 400
City:	SAN RAMON
State/Country:	CALIFORNIA
Postal Code:	94583

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	15415627
Application Number:	62286739
PCT Number:	US2017014971

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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.

Email: apsi@fr.com

Correspondent Name: FISH & RICHARDSON P.C.

Address Line 1: P.O. BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440

ATTORNEY DOCKET NUMBER:	29717-2045001
NAME OF SUBMITTER:	CHRISTIE LOVEN
SIGNATURE:	/Christie Loven/
DATE SIGNED:	06/22/2017

Total Attachments: 13

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WORLDWIDE ASSIGNMENT

WHEREAS, I/WE, (hereinafter referred to as the "ASSIGNOR(S)"):

Adrian BUCKLEY, 413 Montclair Lane, Tracy, California, 95376, USA

Andrew Michael ALLEN, 1945 S Ocean Drive #2306, Hallandale Beach, Florida, 33609, USA

Michael Eoin BUCKLEY, 500 Coventry Lane #260, Crystal Lake, IL, 60014, USA

am an/are inventor(s) of an invention entitled ESTABLISHING A SESSION INITIATION PROTOCOL SESSION ("Invention") for which one or more applications for patent, design registration, utility model registration, or other form of protection, rights, or title have been or will be made in certain countries ("Applications"), as further described below:

US, Provisional Application # 62/286739, Filed January 25, 2016 WO, Application # PCT/US2017/014971, Filed January 25, 2017 US, Application # 15/415627, Filed January 25, 2017

AND WHEREAS, BLACKBERRY CORPORATION, (hereinafter referred to as the "ASSIGNEE"), a company organized under the laws of the State of Delaware, U.S.A., having a place of business at 3001 Bishop Drive, Suite 400, San Ramon, California, 94583, U.S.A., is desirous of acquiring the full and exclusive right, title and interest in and to said Invention, said Applications inclusive of all ancillary rights relating thereto, any and all priority rights derived from said Applications, and all patents, design registrations, utility model registrations and other forms of protection, rights and titles relating to said Invention, in any country or countries and in respect of the whole or any part or parts of or improvements to the Invention;

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR(S) does/do hereby confirm that ASSIGNOR(S) has/have transferred, conveyed and assigned, and by way of further assurance does/do hereby transfer, convey and assign, any and all of ASSIGNOR(S)'s respective rights, title and interest in and to: the Invention; the Applications; inclusive of any and all priority rights, including the right to claim priority, derived from the Applications; any further applications for patent, design registration, utility model registration or other forms of protection, rights or titles for the whole or any part or parts of or improvements to the Invention in any country or countries ("Further Applications") together with the right to file divisional applications, substitute applications and continuation applications of any one or more of the Applications and Further Applications ("Divisionals"); the right to obtain patents, design registrations, utility model registrations and all other forms of protection, rights and titles relating to the Invention; the right in and to any patent

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or reissue patent relating to the Applications, Further Applications and Divisionals ("Grants"); and the right to obtain any extensions / supplementary protection certificates ("Extensions"); together with the right to bring proceedings to recover damages and/or to obtain other remedies for acts committed in respect of one or more of the aforesaid invention, Applications, Grants, Further Applications, Divisionals and Extensions, whether such acts are committed before or after the date of this Worldwide Assignment; with the intent that the Invention, Applications, Grants, Further Applications, Divisionals and Extensions are owned and enjoyed by ASSIGNEE absolutely to the full end of the term of terms for same.

ASSIGNOR(S) does/do hereby agree, upon request, to provide assistance and to execute any and all further documents, at the expense of ASSIGNEE and/or its successors and assigns (as applicable), which may be necessary or desirable to enable ASSIGNEE, and/or its successors and assigns (as applicable), to file, prosecute, bring proceedings and take other actions with respect to any and all of the invention. Applications, Further Applications, Divisionals, Grants and Extensions, and any and all patents and registrations granted thereon and other forms of protection, rights and titles relating thereto, and ASSIGNOR(S) further agrees/agree to execute, upon request and at the expense of ASSIGNEE and/or its successors and assigns (as applicable), any and all further documents which may be necessary or desirable to vest or perfect the title of ASSIGNEE therein.

ASSIGNOR(5) does/do hereby authorize ASSIGNEE or its patent agents or attorneys to insert, above, the jurisdictions, application numbers, filing dates and any other indicia identifying the Applications when such information is available for the purpose of recording this assignment.

ASSIGNOR(S) does/do hereby authorize and request The Commissioner of Patents or any equivalent authority to issue to ASSIGNEE each and every patent, registration and other form of protection, right, and title granted upon the Applications, Further Applications, Divisionals and Extensions.

THIS WORLDWIDE ASSIGNMENT shall inure to the benefit of ASSIGNEE and its successors and assigns, and shall be binding upon ASSIGNOR(S) and their successors and permitted assigns.

DELIVERY of this Worldwide Assignment by copy, however transmitted, constitutes valid and effective delivery. This Worldwide Assignment may be executed in one or more counterparts, each of which when so executed and delivered shall be an original, and such counterparts shall together constitute one and the same instrument.

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Adrian BUCKLI 413 Montelair La						
Tracy, California						
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		(Address c	t Witness)			
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WORLDWIDE ASSIGNMENT

WHEREAS, I/WE, (hereinafter referred to as the "ASSIGNOR(S)"):

Adrian BUCKLEY, 413 Montclair Lane, Tracy, California, 95376, USA Andrew Michael ALLEN, 1945 S Ocean Drive #2306, Hallandale Beach, Florida, 33009, USA

Michael Eoin BUCKLEY, 500 Coventry Lane #260, Crystal Lake, IL, 60014, USA

am an/are inventor(s) of an invention entitled ESTABLISHING A SESSION INITIATION PROTOCOL SESSION ("Invention") for which one or more applications for patent, design registration, utility model registration, or other form of protection, rights, or title have been or will be made in certain countries ("Applications"), as further described below:

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AND WHEREAS, **BLACKBERRY CORPORATION**, (hereinafter referred to as the "ASSIGNEE"), a company organized under the laws of the State of Delaware, U.S.A., having a place of business at 3001 Bishop Drive, Suite 400, San Ramon, California, 94583, U.S.A., is desirous of acquiring the full and exclusive right, title and interest in and to said Invention, said Applications inclusive of all ancillary rights relating thereto, any and all priority rights derived from said Applications, and all patents, design registrations, utility model registrations and other forms of protection, rights and titles relating to said Invention, in any country or countries and in respect of the whole or any part or parts of or improvements to the Invention;

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR(S) does/do hereby confirm that ASSIGNOR(S) has/have transferred, conveyed and assigned, and by way of further assurance does/do hereby transfer, convey and assign, any and all of ASSIGNOR(S)'s respective rights, title and interest in and to: the Invention; the Applications; inclusive of any and all priority rights, including the right to claim priority, derived from the Applications; any further applications for patent, design registration, utility model registration or other forms of protection, rights or titles for the whole or any part or parts of or improvements to the Invention in any country or countries ("Further Applications") together with the right to file divisional applications, substitute applications and continuation applications of any one or more of the Applications and Further Applications ("Divisionals"); the right to obtain patents, design registrations, utility model registrations and all other forms of protection, rights and titles relating to the Invention; the right in and to any patent

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Page 2 of 5

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:
Date:
413 Montclair Lane Tracy, California, 95376, USA
STATEMENT BY WITNESS
I, whose full Post Office address is
(Address of Witness)
hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.
Date: (Signature of Witness)

Page 3 of 5

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:
Andrew Michael ALLEN 1945 S Ocean Drive #2306 Hallandale Beach, Florida, 33009, USA
STATEMENT BY WITNESS
I, KARLA VALLECILLO, whose full Post Office address is
1945 S. Ocean Drife, Hallandale, FL 33009 (Address of Witness)
hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.
Date: 5/4/17 (Signature of Witness)

Page 4 of 5

BlackBerry Family Ref. No.: 50036-0	しろっしほ
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IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:
Data
Michael Eoin BUCKLEY 500 Coventry Lane #260 Crystal Lake, IL, 60014, USA
STATEMENT BY WITNESS
I,, whose full Post Office address is
(Address of Witness)
hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.
Date:(Signature of Witness)

Page 5 of 5

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE, (hereinafter referred to as the "ASSIGNOR(S)"):

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Andrew Michael ALLEN, 1945 S Ocean Drive #2306, Hallandale Beach, Florida, 33009, USA

Michael Eoin BUCKLEY, 500 Coventry Lane #260, Crystal Lake, IL, 60014, USA

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IN WITNESS WHEREO undersigned:	F, this Worldwide Assignment has been executed below by the
	Date:
Adrian BUCKLEY 413 Montclair Lane Tracy, California, 95376, USA	
	STATEMENT BY WITNESS
1,	, whose full Post Office address is
	(Address of Witness)
hereby declare that I was perso known to me to be a person nam	onally present and did see the above named person, personally ed in the Worldwide Assignment, duly sign and execute same.
(Signature of Witness)	Date:

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		MANAGE.		** X X . 1	3. 54.6	X 4.4 X	****	7 475 ()	~~~~			W. A.S.

IN WITNESS WHEREOF, this undersigned:	Worldwide Assignment has been executed below by the
	Date:
Andrew Michael ALLEN 1945 S Ocean Drive #2306 Hallandale Beach, Florida, 330	009, USA
	STATEMENT BY WITNESS
I,	, whose full Post Office address is
	(Address of Witness)
	onally present and did see the above named person, personally ted in the Worldwide Assignment, duly sign and execute same.
(Signature of Witness)	Date:

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:					
Date: 5/4/2017 Michael Eoin BUCKLEY 500 Coventry Lane #260 Crystal Lake, IL, 60014, USA					
STATEMENT BY WITNESS					
1. Lilian Polanco - Buculey, whose full Post Office address is					
1362 Wild Indiga Rd. Grauslake, Il Goos (Address of Witness)					
hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.					
Date: 5/4/2012 (Signature of Witness)					

Page 5 of 5

RECORDED: 06/22/2017

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