

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4084855

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RINDRESS ANDREW MACDONALD	09/13/2016
TATSUKI NAKANO	09/13/2016
SETT PAING OO	09/13/2016
DANIEL WILLIS POST	09/20/2016
SEAN NATHAN ROY	09/15/2016
MARK THOMAS SEXTON	09/13/2016
KURT ALFRED DOBBINS	09/13/2016
MOHAMED JAMAL FADLALLA	09/13/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PING4 INC.
<b>Street Address:</b>	20 COTTON ROAD
<b>City:</b>	NASHUA
<b>State/Country:</b>	NEW HAMPSHIRE
<b>Postal Code:</b>	03063
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15256080
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Email:</b>	PatentDocket@arentFox.com
<b>Correspondent Name:</b>	ARENT FOX LLP
<b>Address Line 1:</b>	555 WEST FIFTH STREET
<b>Address Line 2:</b>	48TH FL
<b>Address Line 4:</b>	LOS ANGELES, CALIFORNIA 90013
<b>ATTORNEY DOCKET NUMBER:</b>	036386.00023 (PO)
<b>NAME OF SUBMITTER:</b>	PEGGY OCONNOR
<b>SIGNATURE:</b>	/PEGGY OCONNOR/

<b>DATE SIGNED:</b>	10/05/2016
<b>Total Attachments: 3</b> source=036386-00023-Executed-Joint-Assignment#page1.tif source=036386-00023-Executed-Joint-Assignment#page2.tif source=036386-00023-Executed-Joint-Assignment#page3.tif	

ASSIGNMENT

WHEREAS, WE

1. Sean Nathan ROY, a citizen of United States of America, having a mailing address of 1 Montrose Drive, Stratham, New Hampshire, and a residency of Stratham, New Hampshire USA;
2. Kurt Alfred DOBBINS, a citizen of United States of America, having a mailing address of P.O. Box 241, New Castle, New Hampshire, and a residency of New Castle, New Hampshire USA;
3. Mark Thomas SEXTON, a citizen of United States of America, having a mailing address of 54 Dahl Road, Merrimack, New Hampshire, and a residency of Merrimack, New Hampshire USA;
4. Sett PAING OO, a citizen of Myanmar, having a mailing address of <sup>2</sup>1 Kessler Farm Drive, Apt. 351, Nashua, New Hampshire, and a residency of Nashua, New Hampshire USA;
5. Rindress Andrew MACDONALD, a citizen of United States of America, having a mailing address of 54 Federal Hill Road, Hollis, New Hampshire, and a residency of Hollis, New Hampshire USA;
6. Tatsuki NAKANO, a citizen of Japan, having a mailing address of 25 Royal Crest Drive, Nashua, New Hampshire, and a residency of Nashua, New Hampshire USA;
7. Daniel Willis POST, a citizen of United States of America, having a mailing address of 140 Patricia Drive, Tewksbury, Massachusetts, and a residency of Tewksbury, New Massachusetts USA; and,
8. Mohamed Jamal FADLALLA, a citizen of Sudan, having a mailing address of 106 West River Drive, Manchester, Massachusetts, and a residency of Manchester, Massachusetts USA,

have conceived of one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to BATTERY EFFICIENT HYBRID MOBILE DEVICE LOCATION MONITORING (collectively the "INVENTIONS") for which WE have executed and/or may execute one or more patent applications therefor; and

WHEREAS, Ping4 Inc. (hereinafter "ASSIGNEE"), a corporation, having a place of business at 20 Cotton Road, Nashua, New Hampshire 03063 USA, desires to acquire or otherwise obtain the entire right, title, and interest in and to said INVENTIONS, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, WE do hereby acknowledge that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, the entire right, title, and interest throughout the world in and to said INVENTIONS, including all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in the United States, including but not limited to U.S. Application No(s) 15/256,080 filed September 2, 2016, and all non-provisional applications relating thereto, (and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents of the United States which may have granted or may be granted hereafter thereon and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon in the United States;

AND WE further do acknowledge and agree that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, all rights of priority under International Conventions, Treaties, or Agreements, and the entire right, title, and interest throughout the world in said INVENTIONS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in any foreign country, countries, or treaty/union organizations, and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, patent of addition applications, confirmation applications, validation applications, utility model applications, and design applications thereof, and all issued patents which may have granted or may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;

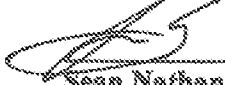

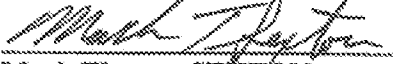

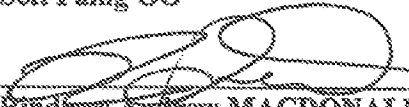
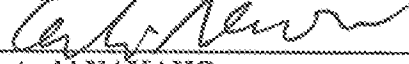

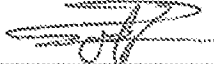
AND WE DO HEREBY authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications or registrations, to issue all patents for said INVENTIONS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument;

AND WE DO HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, its legal representatives, and its assigns all claims for damages and all remedies arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including, but not limited to the right to sue for, seek, obtain, collect, recover, and retain damages and any ongoing or prospective royalties to which I may be entitled, or that I may collect for any infringement or from any settlement or agreement related to any of said patents before or after issuance;

AND WE HEREBY covenant and agree that we will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide

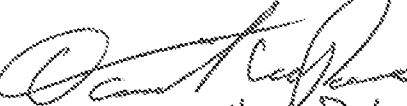
all lawful assistance to said ASSIGNEE, its successors, its legal representatives and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries;

AND WE HEREBY covenant that we will not execute any writing or do any act whatsoever conflicting with these presents.

Done at	<u>20 Cotton Rd</u> <u>Nashua NH</u>	, on	<u>9/15/16</u>	 Sean Nathan ROY
	LOCATION		DATE	
Done at	<u>20 Cotton Rd</u> <u>Nashua NH</u>	, on	<u>9/13/16</u>	 Kurt Alfred DOBBINS
	LOCATION		DATE	
Done at	<u>20 Cotton Rd</u> <u>Nashua NH 03063</u>	, on	<u>13 Sep 2016</u>	 Mark Thomas SEXTON
	LOCATION		DATE	
Done at	<u>20 Cotton Rd</u> <u>Nashua, NH 03063</u>	on	<u>09/13/2016</u>	 Sett Paing OO
	LOCATION		DATE	
Done at	<u>20 Cotton Rd</u> <u>Nashua, NH 03063</u>	, on	<u>9/13/16</u>	 Kindress Andrew MACDONALD
	LOCATION		DATE	
Done at	<u>20 Cotton Rd</u> <u>Nashua NH 03063</u>	on	<u>13 Sep 2016</u>	 Tatsuki NAKANO
	LOCATION		DATE	
Done at	<u>20 Cotton Rd</u> <u>NASHUA, NH 03063</u>	, on	<u>15 Sept 2016</u>	 Daniel Willis POST
	LOCATION		DATE	
Done at	<u>20 Cotton Rd</u> <u>Nashua, NH 03063</u>	, on	<u>13 Sep 2016</u>	 Mohamed Jamal FADLALLA
	LOCATION		DATE	

738 Main St  
Waltham, MA  
02451

20 Sep 2016

  
Daniel Willis POST