504478162 07/28/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4524864

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CONRAD DELBERT SEAMAN	07/19/2017
DEREK JOHN KUHN	07/27/2017
STEPHEN WEST	07/19/2017

RECEIVING PARTY DATA

Name:	BLACKBERRY LIMITED		
Street Address:	200 UNIVERSITY AVENUE EAST		
City:	VATERLOO		
State/Country:	ONTARIO		
Postal Code:	N2K 0A7		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15662459

CORRESPONDENCE DATA

Fax Number:

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: 613-232-7302

Email: joe.ulvr@moffatco.com

Correspondent Name: MOFFAT-RIM

Address Line 1: 427 LAURIER AVENUE W.

Address Line 2: SUITE 1200

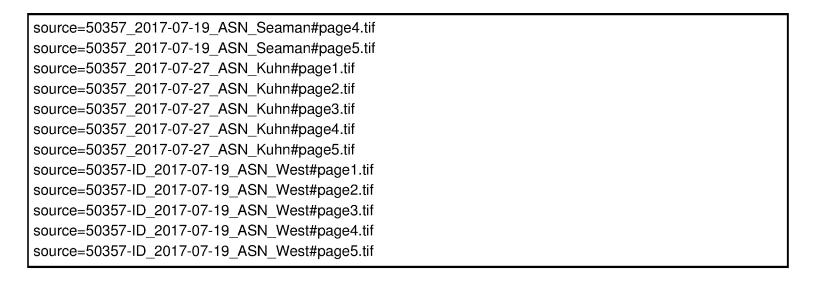
Address Line 4: OTTAWA, CANADA K1R 7Y2

ATTORNEY DOCKET NUMBER:	2173-2482			
NAME OF SUBMITTER:	JOSEPH L. ULVR			
SIGNATURE:	/Joseph L. Ulvr/			
DATE SIGNED:	07/28/2017			

Total Attachments: 15

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PATENT 504478162 REEL: 043124 FRAME: 0191



PATENT REEL: 043124 FRAME: 0192

WORLDWIDE ASSIGNMENT

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

Conrad Delbert SEAMAN, 1001 Farrar Road, Kanata, Ontario, K2K 0B3, Canada Stephen WEST, 1001 Farrar Road, Kanata, ON K2K 0B3, Canada Derek John KUHN, 1001 Farrar Road, Kanata, Ontario, K2K 0B3, Canada

am an/are inventor(s) of an invention entitled METHOD AND SYSTEM FOR TRAILER TRACKING AND INVENTORY MANAGEMENT ("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, APPLICATION	#	, FIL	ED
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AND WHEREAS, BLACKBERRY LIMITED, (hereinafter referred to as the "ASSIGNEE"), a company organized under the laws of the Province of Ontario, Canada, having a place of business at 2200 University Avenue East, Waterloo, Ontario, N2K 0A7, Canada, 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 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 or 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(S) 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.

Page 2 of 5

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:
Conrad Delbert SEAMAN 1001 Farrar Road, Kanata, Ontario, K2K 0B3, Canada
STATEMENT BY WITNESS
I, RABHIL DEV , whose full Post Office address is
215 MAIOHU CR, OTAWA, OW, 16264JZ (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.
(Signature of Witness) Date: July 19, 2017

IN WITNESS WHEREOF, this Wundersigned:	orldwide Assign	ment has been exec	uted below by the	.
	Date:			
Stephen WEST		# # # # # # # # # # # # # # # # # # #	(2000)	
1001 Farrar Road, Kanata, ON K2K 0B3, Canada				
The state of the s				
	э			
	STATEMENT B'	Y WITNESS		
I, <u></u>		, whose ful	l Post Office addr	ess is
	(Address of \	Vitness)		-
hereby declare that I was personal	ly meanant and dis		020 4 002000	94
known to me to be a person named	I in the Worldwig	le Assignment, duly	eu person, person sign and execute	iaiiy Esame
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
		Date:		
(Signature of Witness)				

Page 4 of 5

IN WITNESS WHEREOF, this Worldwindersigned:	ide Assignment has been executed below by	the
		A _{ss}
	Date:	
Derek John KUHN 1001 Farrar Road, Kanata, Ontario, K2K 0B3, Canada	*	
STATE	EMENT BY WITNESS	
I.	, whose full Post Office a	ddress is
(A)	Address of Witness)	•••••
hereby declare that I was personally pres	sent and did see the above named person, per e Worldwide Assignment, duly sign and exec	sonally cute same.
(Signature of Witness)	Date:	

WORLDWIDE ASSIGNMENT

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

Conrad Delbert SEAMAN, 1001 Farrar Road, Kanata, Ontario, K2K 0B3, Canada Stephen WEST, 1001 Farrar Road, Kanata, ON K2K 0B3, Canada Derek John KUHN, 1001 Farrar Road, Kanata, Ontario, K2K 0B3, Canada

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US,	APPLICATION	#	•	FILED)
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AND WHEREAS, **BLACKBERRY LIMITED**, (hereinafter referred to as the "ASSIGNEE"), a company organized under the laws of the Province of Ontario, Canada, having a place of business at 2200 University Avenue East, Waterloo, Ontario, N2K 0A7, Canada, 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 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

Page 1 of 5 V7.3

PATENT REEL: 043124 FRAME: 0198

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 or terms for same.

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Page 2 of 5

IN WITNESS WHEREOF, this Worldwide Assig undersigned:	nment has been executed below by the
Date: S	
Conrad Delbert SEAMAN 1001 Farrar Road, Kanata, Ontario, K2K 0B3, Canada	
*	
STATEMENT BY WI	
Ι,	, whose full Post Office address is
(Address of Witne	ss)
hereby declare that I was personally present and did see known to me to be a person named in the Worldwide As	
(Signature of Witness)	र्थः <u> </u>

Page 3 of 5

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:
Stephen WEST 1001 Farrar Road, Kanata, ON K2K 0B3, Canada
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 4 of 5 V7.3

IN WITNESS	WHEREOF,	this '	Worldwide	Assignment	has been	executed	below	by	the
undersigned:									

Derek John KUHN 1001 Farrar Road,

Kanata, Ontario, K2K 0B3, Canada

STATEMENT BY WITNESS

I, ______, whose full Post Office address is

1001 Tarrar Ross, Ottosso, On KZK 083

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.

(Signature of Witness)

Date: <u>Justy 27, 30 17</u>

Page 5 of 5

WORLDWIDE ASSIGNMENT

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Conrad Delbert SEAMAN, 1001 Farrar Road, Kanata, Ontario, K2K 0B3, Canada Stephen WEST, 1001 Farrar Road, Kanata, ON K2K 0B3, Canada Derek John KUHN, 1001 Farrar Road, Kanata, Ontario, K2K 0B3, Canada

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Page 1 of 5 V7.3

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Page 2 of 5 V7.3

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:
Conrad Delbert SEAMAN 1001 Farrar Road, Kanata, Ontario, K2K 0B3, Canada
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:

Page 3 of 5 V7.3

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:

Stephen WEST

1001 Farrar Road,

Kanata, ON K2K 0B3, Canada

STATEMENT BY WITNESS

ı, <u> </u>	MADS EAM	w/	, whose full P	'ost Office	address is
2115	Chalnons	Record	£ / 8 & 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	WK	<u>1116</u> KG
::::::::::::::::::::::::::::::::::::::		Address of Wi	mess)		

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.

(Signature of Witness)

Date: <u>WY 19, 2017</u>

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:
Date: Derek John KUHN 1001 Farrar Road, Kanata, Ontario, K2K 0B3, Canada
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:

Page 5 of 5 V7.3

PATENT REEL: 043124 FRAME: 0207