

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4176237

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MOVIRTU LIMITED	10/04/2016
RECEIVING PARTY DATA	
Name:	BLACKBERRY LIMITED
Street Address:	2200 UNIVERSITY AVENUE EAST
City:	WATERLOO
State/Country:	ONTARIO
Postal Code:	N2K 0A7
PROPERTY NUMBERS Total: 12	
Property Type	Number
Application Number:	12214902
Application Number:	12142816
Application Number:	12555648
Application Number:	14064545
Application Number:	14746811
Application Number:	14960956
Application Number:	13276029
Application Number:	14065144
Application Number:	14500942
Application Number:	15213178
Application Number:	13295856
Application Number:	14074167
CORRESPONDENCE DATA	
Fax Number:	(519)883-4935
<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>	
Phone:	519-597-8056
Email:	patentformaldocs@blackberry.com
Correspondent Name:	BLACKBERRY LIMITED - KRISTA
Address Line 1:	2200 UNIVERSITY AVENUE E.
Address Line 4:	WATERLOO, ONTARIO N2K 0A7

PATENT

ATTORNEY DOCKET NUMBER:	MOVIRTU-BB LTD 2016-12-08
NAME OF SUBMITTER:	KRISTA LUFT
SIGNATURE:	/krista luft/
DATE SIGNED:	12/08/2016
Total Attachments: 6 source=Movirtu Assignment#page1.tif source=Movirtu Assignment#page2.tif source=Movirtu Assignment#page3.tif source=Movirtu Assignment#page4.tif source=Movirtu Assignment#page5.tif source=Movirtu Assignment#page6.tif	

CONFIRMATION AND ASSIGNMENT

WHEREAS MOVIRTU LIMITED, a corporation organized under the laws of England and Wales, having a place of business at 200 Bath Road, Slough, Berkshire, SL1 3XE, United Kingdom, (the "ASSIGNOR") is the owner of certain rights, title and interest in and to certain inventions and designs (the "Assignor Inventions"); and

WHEREAS BLACKBERRY LIMITED, a corporation 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, (the "ASSIGNEE") is the owner of certain rights, title and interest in and to certain inventions and designs (the "Assignee Inventions"); and

WHEREAS ASSIGNOR and ASSIGNEE agree that ASSIGNEE is the owner of developments, modifications, improvements, adaptations of and derivative works, related to the Assignor Inventions or Assignee Inventions, whether created by ASSIGNEE or ASSIGNOR or on their behalf (the "Developments"), and that ASSIGNOR has received full market consideration therefor; and

WHEREAS ASSIGNOR wishes to confirm that ASSIGNEE is the owner of all rights, title and interest of the ASSIGNOR in and to certain of the Developments ("Creations"), described in documents, descriptions and/or drawings ("Creation Documents"), and/or described in applications for patents, design registrations, utility model registrations and other forms of protection ("Applications"), inclusive of any and all priority rights derived therefrom, and all ancillary rights relating thereto, as listed in Schedule "A" attached hereto.

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged by ASSIGNOR and ASSIGNEE, ASSIGNOR and ASSIGNEE, intending to be legally bound, agree as follows:

ASSIGNOR hereby confirms that it has transferred, conveyed and assigned, and by way of further assurance, to the extent that the transfer, conveyance or assignment has not already been fully effected, ASSIGNOR hereby transfers, conveys and assigns, any and all of its rights, title and interest in and to: the Creations; the Creation Documents; Applications, inclusive of any and all priority rights, including the right to claim priority, derived from the Applications; any further applications for patents, designs, utility models or other forms of protection, rights or titles for the whole or any part or parts of or improvements to the Creations 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 Creations and Creation Documents; 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 Creations, Creation Documents, Applications, Further Applications, Divisionals and Extensions, whether such acts are committed

before or after the date of this assignment; with the intent that the Creations, Creation Documents, Applications, Further Applications, Divisionals and Extensions are owned and enjoyed by ASSIGNEE absolutely to the full end of the term or terms for same.

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

ASSIGNOR does hereby authorize ASSIGNEE or its patent agents or attorneys to insert in Schedule "A" 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 hereby authorizes and requests The Commissioner of Patents, or any equivalent authority, to issue to ASSIGNEE each and every patent, registration and other forms of protection, right and title granted upon the Applications, Further Applications, Divisionals and Extensions.

THIS ASSIGNMENT shall inure to the benefit of ASSIGNEE and its successors and assigns and shall be binding upon ASSIGNOR and its successors and permitted assigns.

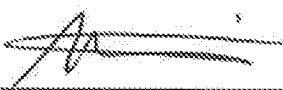
IF ANY COVENANT OR PROVISION, or portion thereof, of this document is determined to be void or unenforceable, such void or unenforceable covenant or provision, or portion thereof, is hereby conceded to be severable from the balance of this document, and any such determination shall not, in any event, affect or impair the validity of the balance of the covenant or provision, nor shall it affect or impair the validity of any other covenant or provision herein contained.

DELIVERY of this Confirmation and Assignment by copy, however transmitted, constitutes valid and effective delivery. This Confirmation and 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.

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

Movirtu Limited

Date: October 4, 2016


By:
Name: Steve Lai
Title: Director

STATEMENT BY WITNESS

I, Krista Luft whose full Post Office Address is

2200 University Avenue East, Waterloo, Ontario, N2K 0A7, Canada

(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: October 4, 2016


(Signature of Witness)

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

BlackBerry Limited

Date: October 4, 2016

[Signature]

By:

Name: Keith Bennett

Title: Authorized Signing Officer

STATEMENT BY WITNESS

I, Krista Luft whose full Post Office Address is

2200 University Avenue East, Waterloo, Ontario, N2K 0A7, Canada

(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: October 4, 2016

[Signature]
(Signature of Witness)

SCHEDULE "A" to Confirmation and Assignment

Country Code	Appln. No.	File Date	BB File #
RU	201071027	Mar 03 2009	48890-RU-EAT
US	12/214902	Mar 04 2008	48890-US-PAT
AP	AP/P/2010/005409	Mar 03 2009	48890-AP-AFT
DZ	100609	Mar 03 2009	48890-DZ-PCT
BR	PI0908760.5	Mar 03 2009	48890-BR-PCT
CA	2717293	Mar 03 2009	48890-CA-PCT
CN	200980107840.5	Mar 03 2009	48890-CN-PCT
EG	PCT1485/2010	Mar 03 2009	48890-EG-PCT
EA	201071027	Mar 03 2009	48890-EA-EAT
EP	09717509.5	Mar 03 2009	48890-EP-EPT
IN	2035/MUMNP/2010	Mar 03 2009	48890-IN-PCT
ID	P00201003417	Mar 03 2009	48890-ID-PCT
IL	207889	Mar 03 2009	48890-IL-PCT
JP	2010-549195	Mar 03 2009	48890-JP-PCT
MY	PI2010004172	Mar 03 2009	48890-MY-PCT
MX	MX/A/2010/009653	Mar 03 2009	48890-MX-PCT
NG	NG/C/2010/751	Mar 03 2009	48890-NG-PCT
PH	1/2010/502012	Mar 03 2009	48890-PH-PCT
SG	201006356-8	Mar 03 2009	48890-SG-PCT
ZA	2010/06986	Mar 03 2009	48890-ZA-PCT
KR	10-2010-7022150	Mar 03 2009	48890-KR-PCT
LK	15969	Mar 03 2009	48890-LK-PCT
TN	TN2010/0403	Mar 03 2009	48890-TN-PCT
AE	905/2010	Mar 03 2009	48890-AE-PCT
VN	1-2010-02610	Mar 03 2009	48890-VN-PCT
WO	PCT/GB2009/050211	Mar 03 2009	48890-WO-PCT
BD	241/2011	Oct 16 2011	48890-BD-PAT
CD	NP/064/EXT/2013	Jan 08 2013	48890-CD-IMP
OA	1201000301	Mar 03 2009	48890-OA-PCT
AF		Jul 28 2012	48890-AF-CN
MG	2010/025	Mar 03 2009	48890-MG-PCT
US	12/371671	Feb 16 2009	48892-US-PAT
WO	PCT/GB2010/050248	Feb 16 2010	48892-WO-PCT
CN	201080007979.5	Feb 16 2010	48892-CN-PCT
EP	2010711696	Feb 16 2010	48892-EP-EPT
AP	AP/P/2011/005544	Jun 19 2009	48891-AP-AFT
BR	PI0914306.8	Jun 19 2009	48891-BR-PCT
CA	2728671	Jun 19 2009	48891-CA-PCT
CN	200980128612.6	Jun 19 2009	48891-CN-PCT
EA	201170066	Jun 19 2009	48891-EA-EAT
EP	09766161.5	Jun 19 2009	48891-EP-EPT
IN	65/MUMNP/2011	Jun 19 2009	48891-IN-PCT
ID	W-00201100238	Jun 19 2009	48891-ID-PCT

IL	210089	Jun 19 2009	48891-IL-PCT
MY	PI2010006076	Jun 19 2009	48891-MY-PCT
MX	MX/A/2010/014329	Jun 19 2009	48891-MX-PCT
NG	RPNG/C/2010/905	Jun 19 2009	48891-NG-PCT
PH	1/2010/502975	Jun 19 2009	48891-PH-PCT
ZA	2011/00383	Jun 19 2009	48891-ZA-PCT
LK	16104	Jun 19 2009	48891-LK-PCT
EG	PCT2159/2010	Jun 19 2009	48891-EG-PCT
BD	240/2011	Oct 16 2011	48891-BD-PAT
OA	1201000422	Jun 19 2009	48891-OA-PCT
MG	2010/043	Jun 19 2009	48891-MG-PCT
SG	201009414-2	Jun 19 2009	48891-SG-PCT
US	12/142816	Jun 20 2008	48891-US-PAT
WO	PCT/GB2009/050700	Jun 19 2009	48891-WO-PCT
US	12/555648	Sep 08 2009	48893-US-PAT
WO	PCT/GB2010/051481	Sep 07 2010	48893-WO-PCT
CN	201080049325.9	Sep 07 2010	48893-CN-PCT
EP	10773381.8	Sep 07 2010	48893-EP-EPT
IN	873/MUMNP/2012	Sep 07 2010	48893-IN-PCT
RU	2012113545	Sep 07 2010	48893-RU-PCT
US	14/746811	Jun 22 2015	48894-US- CNT[2]
US	13/276029	Oct 18 2011	48894-US-PAT
US	14/064545	Oct 28 2013	48894-US-CNT
WO	PCT/IB2012/054940	Sep 18 2012	48894-WO-PCT
CA	2852375	Sep 18 2012	48894-CA-PCT
EP	12783317.6	Sep 18 2012	48894-EP-EPT
US	14/960956	Dec 07 2015	48894-US- CNT[3]
US	13/295856	Nov 14 2011	48895-US-PAT
US	14/065144	Oct 28 2013	48895-US-CNT
WO	PCT/IB2012/054967	Sep 19 2012	48895-WO-PCT
US	15/213178	Jul 18 2016	48895-US- CNT[3]
AF		Jul 28 2012	48895-AF-CN
US	14/500942	Sep 29 2014	48895-US- CNT[2]
US	61/723586	Nov 07 2012	48896-US-PRV
US	14/074167	Nov 07 2013	48896-US-PAT