

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7747091

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	CERTICOM CORP.	09/30/2019
RECEIVING PARTY DATA		
Name:	BLACKBERRY LIMITED	
Street Address:	2200 UNIVERSITY AVENUE EAST	
City:	WATERLOO, ONTARIO	
State/Country:	CANADA	
Postal Code:	N2K 0A7	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	18088508
CORRESPONDENCE DATA		
Fax Number:	(877)769-7945	
<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:	+1 (214) 292-4059	
Email:	apsi@fr.com	
Correspondent Name:	JUN LI	
Address Line 1:	FISH & RICHARDSON P.C.	
Address Line 2:	P.O.BOX 1022	
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022	
ATTORNEY DOCKET NUMBER:	29907-0035008	
NAME OF SUBMITTER:	APRIL STUDNICKA	
SIGNATURE:	/April B. Studnicka/	
DATE SIGNED:	01/18/2023	
Total Attachments: 37		
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CONFIRMATION AND ASSIGNMENT

WHEREAS CERTICOM CORP., a corporation organized under the laws of the Province of Ontario, Canada, having a place of business at 4701 Tahoe Blvd., Tahoe A, 6th Floor, Mississauga, Ontario, L4W 0B5, Canada, (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.

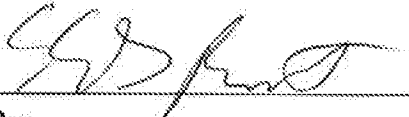
IF ANY COVENANT OR PROVISION, or portion thereof, of this document is determined to be void or unenforceable, such void or unenforceable covenant or provision, or portion thereof, is hereby conceded to be severable from the balance of this document, and any such determination shall not, in any event, 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:

Certicom Corp.

Date: September 30, 2019



By:

Name: Keith Bennett

Title: Director

STATEMENT BY WITNESS

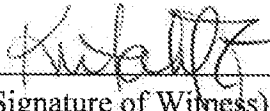
I, Krista Luft whose full Post Office Address is

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: September 30, 2019

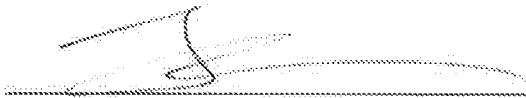


(Signature of Witness)

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

BlackBerry Limited

Date: September 30, 2019



By:

Name: Jay Chai

Title: Vice President and Corporate
Controller and Authorized Signing
Officer

STATEMENT BY WITNESS

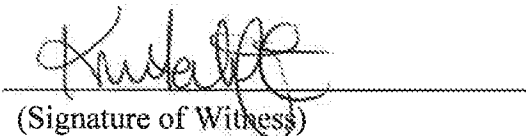
I, Krista Luft whose full Post Office Address is

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: September 30, 2019



(Signature of Witness)

SCHEDULE "A" to Confirmation and Assignment

Country Code	Appln. No.	File Date	RIM File #
CA	2510366	21 Jun 2005	35303-1-CA-PAT
CA	2538087	28 Feb 2006	35303-1-CA-PAT[2]
CA	2611818	12 Jun 2006	35303-1-CA-PCT
CN	201010621868.5	29 Dec 2010	35303-1-CN-PCD
CN	201310021320.0	21 Jan 2013	35303-1-CN-PCD[2]
CN	200680025923.6	12 Jun 2006	35303-1-CN-PCT
DE	06752780.4	12 Jun 2006	35303-1-DE-EPT
EP	06752780.4	12 Jun 2006	35303-1-EP-EPT
FI	06752780.4	12 Jun 2006	35303-1-FI-EPT
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HK	11109661.6	14 Sep 2011	35303-1-HK-FPR
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KR	10-2013-7011231	30 Apr 2013	35303-1-KR-PCD
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SG	201004143.2	11 Jun 2010	35303-1-SG-PCD
SG	200718603.4	12 Jun 2006	35303-1-SG-PCT
US	12/767957	27 Apr 2010	35303-1-US-CNT
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US	09/907935		19 Jul 2001	35358-US-CNT
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EP	09010612.1	18 Aug 2009	35367-EP-ETD
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GB	10185742.3	01 Oct 2010	35367-GB-ETD[2]
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US	12/333135	11 Dec 2008	35367-US-DIV
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US	12/559091	14 Sep 2009	35368-US-CNT[2]
US	13/539038	29 Jun 2012	35368-US-CNT[3]
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CA	2424897	05 Oct 2001	35369-CA-PCT
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GB	10183477.8		30 Sep 2010	35369-GB-ETD
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FR	02710732.5		05 Feb 2002	35372-FR-EPT
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CA	2353180		13 Jul 2001	35377-CA-PAT
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US	09/903989		13 Jul 2001	35379-US-PAT
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EP	11184893.3		12 Oct 2011	35381-EP-ETD
FR	11184893.3		12 Oct 2011	35381-FR-ETD

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GB	11184893.3	12 Oct 2011	35381-GB-ETD
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US	14/470851	27 Aug 2014	35382-US-CNT[2]
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CA	2369545	29 Jan 2002	35383-CA-PAT
US	11/687773	19 Mar 2007	35383-US-CNT
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CA	2525894	17 May 2004	35384-CA-PCT[3]
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EP	19178670.6	06 Jun 2019	35384-EP-ETD[2]
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JP	2006-529491	17 May 2004	35384-JP-PCT[3]
NL	04733283.8	17 May 2004	35384-NL-EPT[3]
NL	03743774.6	07 Mar 2003	35384-NL-EPT[4]
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US	13/075988	30 Mar 2011	35385-US-REI
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GB	05801157.8		11 Nov 2005	35400-GB-EPT[2]
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US	15/595542	15 May 2017	35411-US-CNT[2]
US	16/153676	05 Oct 2018	35411-US-CNT[3]
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JP	2009-536569		15 Nov 2007	35415-JP-PCT
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US	11/947290		29 Nov 2007	35416-US-PAT
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GB	11866361.6		20 May 2011	40935-GB-EPT
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GB	11733972.1		11 Jul 2011	40996-GB-EPT
US	14/131067		11 Jul 2011	40996-US-PCT
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CA	2830285		19 Aug 2011	41336-CA-PCT
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GB	2533457			42314-GB-EPA
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US	14/799392	14 Jul 2015	43591-US-CNT
US	13/741598	15 Jan 2013	43591-US-PAT
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US	13/791378	08 Mar 2013	44034-1-US-PAT
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US	13/458382	27 Apr 2012	44557-US-PAT
CA	2875617	09 Jul 2012	45277-CA-PCT
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