

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6059253

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ADRIAN BUCKLEY	11/14/2005
GEORGE BALDWIN BUMILLER	11/14/2005
PAUL CARPENTER	11/14/2005
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	RESEARCH IN MOTION LIMITED
<b>Street Address:</b>	295 PHILLIP STREET
<b>City:</b>	WATERLOO, ONTARIO
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	N2L 3W8
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16374572
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(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>	
<b>Email:</b>	apsi@fr.com
<b>Correspondent Name:</b>	FISH & RICHARDSON P.C.
<b>Address Line 1:</b>	P.O. BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440
<b>ATTORNEY DOCKET NUMBER:</b>	29717-1049003
<b>NAME OF SUBMITTER:</b>	MONICA GAMEZ
<b>SIGNATURE:</b>	/Monica Gamez/
<b>DATE SIGNED:</b>	04/13/2020
<b>Total Attachments: 2</b>	
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Assignment - World - application

## ASSIGNMENT (World)

WHEREAS,

**BROWN, Daniel R.L.; VANSTONE, Scott A.**

hereinafter referred to as Assignors, whose full post office addresses are,

**6033 Paddle Road, Mississauga, Ontario, L5N 1X8, Canada; and**

**10140 Pineview Trail, Campbellville, Ontario, N0P 2K0, Canada**

have made an invention relating to and entitled:

**ELLIPTIC CURVE RANDOM NUMBER GENERATION**

hereinafter referred to as The Invention, as fully set forth and described in the following applications for Letters Patent identified as:

COUNTRY	SERIAL NUMBER	FILING DATE
<b>U.S.A.</b>	<b>60/644,982</b>	<b>January 21, 2005</b>
<b>U.S.A.</b>	<b>11/336,814</b>	<b>January 23, 2006</b>
<b>PCT</b>	<b>PCT/CA2006/000065</b>	<b>January 23, 2006</b>

hereinafter referred to as The Applications;

AND WHEREAS,

**Certicom Corp.**

hereinafter referred to as Assignees, whose full post office address is

**5520 Explorer Drive, 4<sup>th</sup> Floor, Mississauga, Ontario, L4W 5L1, Canada**

desires to acquire Assignor's entire right, title and interest in and to The Invention and The Applications;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over to Assignee, its successors, assigns, or legal representatives, its entire right, title and interest for Canada, the United States and all other countries throughout the World in and to The Invention, together with its entire right, title and interest in and to The Applications and any and all Letters Patent that may issue for The

Invention, including any and all divisions, reissues, continuations and extensions of The Applications, to the full end of the term for which each said Letters Patent may be granted, and including any right to claim priority based on The Applications, the same to be held and enjoyed as fully and completely as the same would have been held and enjoyed by Assignor had this Assignment not been made;

AND ASSIGNOR, on behalf of itself and its executors and administrators, does hereby covenant and agree to do all such lawful acts and things and to execute without further consideration such further lawful assignments, documents, assurances, applications and other instruments as may reasonably be required by said Assignee, its successors, assigns, or legal representatives, to obtain any and all Letters Patent for the Invention and vest the same in said Assignee, its successors, assigns, or legal representatives.

AND ASSIGNOR, on behalf of itself and its executors and administrators, does hereby authorize said Assignee, its successors, assigns, or legal representatives, including its Patent Agents, Blake, Cassels & Graydon LLP, to amend the present assignment to insert or correct the filing date, serial number or other identifying information of the Applications as may be needed to record this assignment.

Assignor 1	Witness
Name <b>Daniel R. L. BROWN</b>	Name <i>John O. Guyo</i>
Signature <i>Daniel R. L. Brown</i>	Signature <i>[Signature]</i>
Date <i>April 4, 2006</i>	Date <i>2006-04-04</i>

Assignor 2	Witness
Name <b>Scott A. VANSTONE</b>	Name <i>John O. Guyo</i>
Signature <i>Scott A. Vanstone</i>	Signature <i>[Signature]</i>
Date <i>April 5, 2006</i>	Date <i>2006-04-05</i>