

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Gregory Marc Zaverucha</td> <td>04/10/2012</td> </tr> <tr> <td>Daniel Richard L. Brown</td> <td>04/26/2012</td> </tr> </tbody> </table>		Name	Execution Date	Gregory Marc Zaverucha	04/10/2012	Daniel Richard L. Brown	04/26/2012		
Name	Execution Date								
Gregory Marc Zaverucha	04/10/2012								
Daniel Richard L. Brown	04/26/2012								
RECEIVING PARTY DATA									
Name:	CERTICOM CORP.								
Street Address:	4701 Tahoe Blvd.								
Internal Address:	Tahoe A, 6th Floor								
City:	Mississauga, Ontario								
State/Country:	CANADA								
Postal Code:	L4W 0B5								
PROPERTY NUMBERS Total: 3									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>61495788</td> </tr> <tr> <td>Application Number:</td> <td>13463965</td> </tr> <tr> <td>PCT Number:</td> <td>US2012036535</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	61495788	Application Number:	13463965	PCT Number:	US2012036535
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Application Number:	61495788								
Application Number:	13463965								
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CORRESPONDENCE DATA									
Fax Number:	8777697945								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Email:	apsi@fr.com								
Correspondent Name:	Fish & Richardson P.C.								
Address Line 1:	P.O. Box 1022								
Address Line 4:	Minneapolis, MINNESOTA 55440								
ATTORNEY DOCKET NUMBER:	29907-0045001								
NAME OF SUBMITTER:	Christie Loven								
Signature:	/Christie Loven/								

CH \$120.00 61495788

Date:

05/02/2013

Total Attachments: 8

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WORLDWIDE ASSIGNMENT

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

ZAVERUCHA, Gregory Marc, 4701 Tahoe Blvd, Ext. 15460, Mississauga, Ontario, L4W 0B5, CANADA

BROWN, Daniel Richard L., 4701 Tahoe Blvd., Ext. 14157, Mississauga, Ontario L4W 0B5, CANADA

am an/are inventor(s) of an invention entitled **IMPLICITLY CERTIFIED PUBLIC KEYS** ("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, Provisional Patent Application #61/495,788 filed June 10, 2011

US, Patent Application # 13/463,965 filed May 4, 2012

EP, Patent Application # 12166821.4 filed May 4, 2012

PCT, Patent Application PCT/US12/036535 filed May 4, 2012

AND WHEREAS, **CERTICOM CORP.**, (hereinafter referred to as the "ASSIGNEE"), a company 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, 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.

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


ZAUERUCHA, Gregory Marc
4701 Tahoe Blvd, Ext. 15460
Mississauga, Ontario
L4W 0B5, CANADA


Date: 2012/04/10

STATEMENT BY WITNESS

I, James Murphy, whose full Post Office address is

145 Hillcrest Avenue Mississauga ON L5B 3Z1
(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: 4/10/12

RIM Family Ref. No.: 42314

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

BROWN, Daniel Richard L.
4701 Tahoe Blvd., Ext. 14157
Mississauga, Ontario
L4W 0B5, CANADA

Date: _____

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.

(Signature of Witness)

Date: _____

WORLDWIDE ASSIGNMENT

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

ZAVERUCHA, Gregory Marc, 4701 Tahoe Blvd, Ext. 15460, Mississauga, Ontario, L4W 0B5, CANADA

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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.

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

Date: _____

ZAVERUCHA, Gregory Marc
4701 Tahoe Blvd, Ext. 15460
Mississauga, Ontario
L4W 0B5, 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)

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


BROWN, Daniel Richard L.

4701 Tahoe Blvd., Ext. 14157
Mississauga, Ontario
L4W 0B5, CANADA

Date: April 26 2012

STATEMENT BY WITNESS

I, VARGHESE BABY, whose full Post Office address is

2 BENTBROOK CRESCENT, OTTAWA, ON K2J 3K9
(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: 04 / 26 / 2012