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RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

BROWN, Daniel R. L. - Execution Date: April 4, 2006; and
VANSTONE, Scott L. - Execution Date: April 5, 2006.

2. Name and address of receiving party(ies):

Name: **CERTICOM CORP.**Address: **5520 Explorer Drive, 4th Floor**Additional names(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

City: **Mississauga** State/Prov.: **Ontario**Country: **Canada** ZIP: **L4W 5L1**Execution Date: **See Box 1 above.**Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

Patent Application No.

Filing date

B. Patent No.(s)

11/336,814

January 23, 2006

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **John R. S. Orange**Registration No. **29,725**Address: **c/o Blake, Cassels & Graydon LLP****P.O. Box 25, Commerce Court West**City: **Toronto** State/Prov.: **Ontario**Country: **Canada** ZIP: **M5L 1A9**6. Total number of applications and patents involved: **1**7. Total fee (37 CFR 3.41):.....\$ **40.00**☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

8. Deposit account number:

02-2553

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.***John R. S. Orange**

Name of Person Signing

Signature

28 April 06

Date

Total number of pages including cover sheet, attachments, and document: **5**

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

PATENT

REEL: 017559 FRAME: 0263

700261440

CH \$40.00 022553 11336814

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
U.S.A.	60/644,982	January 21, 2005
U.S.A.	11/336,814	January 23, 2006
PCT	PCT/CA2006/000065	January 23, 2006

hereinafter referred to as The Applications;

AND WHEREAS,

Certicom Corp.

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

5520 Explorer Drive, 4th Floor, Mississauga, Ontario, L4W 5L1, Canada


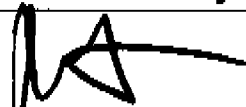
desires to acquire Assignor's entire right, title and interest in and to The Invention and The Applications;


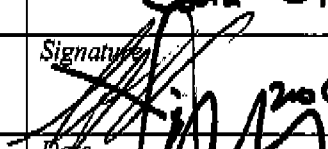
NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over to Assignee, its successors, assigns, or legal representatives, its entire 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 Daniel R. L. BROWN	Name John O. Guyo
Signature 	Signature 
Date April 4, 2006	Date 2006-04-04

Assignor 2	Witness
Name Scott A. VANSTONE	Name John O. Guyo
Signature 	Signature 
Date April 5, 2006	Date 2006-04-05

Applicant(s): BROWN, Daniel R. L., et al.

67539/622

11/336,814

January 23, 2006

Not Known Yet

2131

Invention: ELLIPTIC CURVE RANDOM NUMBER GENERATION

Assignment

(Identify type of correspondence)

is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. 571.273.0140)

on May 1, 2006
(Date)

John R. S. Orange (Reg. No. 29,725)

(Typed or Printed Name of Person Signing Certificate)

(Signature)

Note: Each paper must have its own certificate of mailing.

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199 Bay Street
Toronto, Ontario, Canada
M5L 1A9**NUMBER OF PAGES INCLUDING COVER PAGE:** 6**DATE:** *May 1, 2006*
~~April 27, 2006~~**TO: (Name, Company, City & Country)****FACSIMILE:****TELEPHONE:****ASSIGNMENT SECTION,**

571-273-0140

571-272-3350

United States Patent and Trademark Office
Alexandria, VA**FROM:** John R. S. Orange**BUSINESS PHONE:** 416-863-3164**SECRETARY PHONE:** 416-863-3026**MESSAGE:**

Applicant:	BROWN, Daniel, et al.
Application No.:	11/336,814
Title of Invention:	ELLIPTIC CURVE ...
Customer No.:	27871
Group Art Unit:	2131

Please see the attached documents:

1. Transmittal of Fax;
2. Recordation Cover Sheet (in duplicate);
3. Assignment (2 pages).

ORIGINALS SENT BY: (check one) ☐ MAIL ☐ TDX ☒ NOT SENT ☐ _____
(please specify)**ANY PROBLEMS? Please contact your Fax Operator or the Blakes Fax Operator at 416.863.3074****CONFIDENTIALITY NOTE:**

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FILE REFERENCE: 67539/622**TIME IN:** _____ **TIME SENT:** _____ **OPERATOR:** _____
21456372.1**PATENT****RECORDED: 05/01/2006****REEL: 017559 FRAME: 0267**