

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT | | | | | | | | | | |
|---|---|---------------|----------------|---------------------|--------------------------------|-------------------|-------------|----------------|---------|--------------|---------|
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the clerical error in assignor's name on the cover sheet previously recorded on Reel 017559 Frame 0263. Assignor(s) hereby confirms the assignment.. | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Daniel R.L. Brown</td><td>04/04/2006</td></tr><tr><td>Scott A. Vanstone</td><td>04/05/2006</td></tr></tbody></table> | | Name | Execution Date | Daniel R.L. Brown | 04/04/2006 | Scott A. Vanstone | 04/05/2006 | | | | |
| Name | Execution Date | | | | | | | | | | |
| Daniel R.L. Brown | 04/04/2006 | | | | | | | | | | |
| Scott A. Vanstone | 04/05/2006 | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | |
| <table border="1"><tr><td>Name:</td><td>Certicom Corp.</td></tr><tr><td>Street Address:</td><td>5520 Explorer Drive, 4th Floor</td></tr><tr><td>City:</td><td>Mississauga</td></tr><tr><td>State/Country:</td><td>ONTARIO</td></tr><tr><td>Postal Code:</td><td>L4W 5L1</td></tr></table> | | Name: | Certicom Corp. | Street Address: | 5520 Explorer Drive, 4th Floor | City: | Mississauga | State/Country: | ONTARIO | Postal Code: | L4W 5L1 |
| Name: | Certicom Corp. | | | | | | | | | | |
| Street Address: | 5520 Explorer Drive, 4th Floor | | | | | | | | | | |
| City: | Mississauga | | | | | | | | | | |
| State/Country: | ONTARIO | | | | | | | | | | |
| Postal Code: | L4W 5L1 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11336814</td></tr></tbody></table> | | Property Type | Number | Application Number: | 11336814 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 11336814 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
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| ATTORNEY DOCKET NUMBER: | 29717-0048001 | | | | | | | | | | |
| NAME OF SUBMITTER: | Paige Nordell | | | | | | | | | | |
| Total Attachments: 5 source=29717-0048001#page1.tif source=29717-0048001#page2.tif source=29717-0048001#page3.tif source=29717-0048001#page4.tif source=29717-0048001#page5.tif | | | | | | | | | | | |

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PATENT
REEL: 026866 FRAME: 0023

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NO. 9373 P. 4

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Docket No.: 67539/622

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(Rev. 03-01)

OMB No. 0851-0027 (exp. 5/31/2002)

POBA/REV03

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

PATENTS ONLY

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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.**Additional names(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: See Box 1 above.

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

Name: **CERTICOM CORP.**Address: **5520 Explorer Drive, 4th Floor**City: **Mississauga** State/Prov.: **Ontario**Country: **Canada** ZIP: **L4W 5L1**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)

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
DateTotal 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

CH \$40.00 022653 11336814

PATENT

REEL: 026866 FRAME: 0024

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


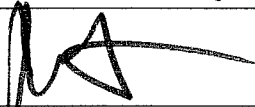
desires to acquire Assignor's entire right, title and interest in and to The Invention and The Applications;

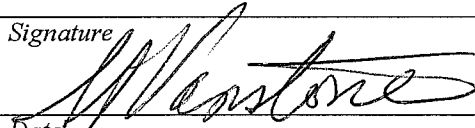
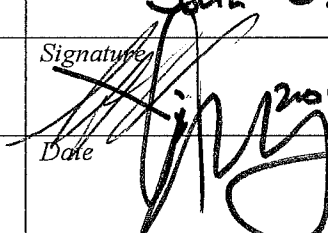
NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over to Assignee, its successors, assigns, or legal representatives, its entire 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 |