

12-19-2008

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RECORDATION
PATI

To the Director of the U.S. Patent and Trademark Office.

address(es) below.

1. Name of conveying party(ies)

BROWN, Daniel R.;
CAMPAGNA, Matthew J.;
STRUICK, Marinus; and
VANSTONE, Scott A.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) November 25, 2008

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: Certicom Corp.

Internal Address: 4th Floor

Street Address: 5520 Explorer Drive

City: Mississauga

State: Ontario

Country: Canada Zip: L4W 5L1

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

12/230,799

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Customer No. 000293

Internal Address: Dowell & Dowell, P.C.

Suite 406

Street Address: 2111 Eisenhower Avenue

City: Alexandria

State: VA Zip: 22314

Phone Number: (703) 415-2555

Fax Number: (703) 415-2559

Email Address: dowell@dowellpc.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number

Authorized User Name

9. Signature:

Signature

Date

RALPH A. DOWELL Reg No 26868

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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ASSIGNMENT
(World)

WHEREAS,

**BROWN, Daniel R.; CAMPAGNA, Matthew; STRUIK, Marinus and
VANSTONE, Scott A.**

hereinafter referred to as the "Assignor", whose full post office addresses are,

6033 Paddle Road, Mississauga, Ontario, L5N 1X8, Canada

264 Old Sib Road, Ridgefield, Connecticut, 06877, U.S.A.

723 Carlaw Avenue, Toronto, Ontario, M4K 3K8, Canada

10140 Pineview Trail, Campbellville, Ontario, N0P 1B0, Canada

have made an invention relating to and entitled:

SIGNATURES WITH CONFIDENTIAL MESSAGE RECOVERY

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

<u>Country</u>	<u>Serial Number</u>	<u>Filing Date</u>
U.S.A.	60/935,855	September 4, 2007
PCT	PCT/CA2008/001541	September 3, 2008
U.S.A.	12/230,799	September 4, 2008

hereinafter referred to as the "Applications";

AND WHEREAS,

Certicom Corp.

hereinafter referred to as the "Assignee", whose full post office address is

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

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


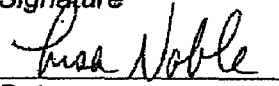
NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor does hereby sell, assign, transfer and set over to the Assignee, its successors, assigns, or legal representatives, its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

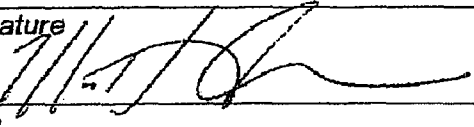
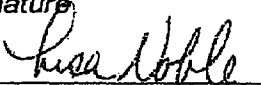
Blake, Cassels & Graydon LLP (7/04)

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 the Assignor had this Assignment not been made;


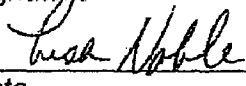
AND the Assignor, on behalf of itself and its executors and administrators, does hereby covenant and agree to do all such lawful acts and things and to execute without further consideration such further lawful assignments, documents, assurances, applications and other instruments as may reasonably be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

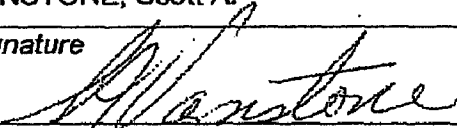
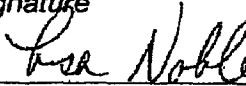
AND the Assignor, on behalf of itself and its executors and administrators, does hereby authorize the Assignee, its successors, assigns, or legal representatives, including its Patent Agents, Blake, Cassels & Graydon LLP, to amend this assignment to insert or correct the filing date, serial number or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

Assignor 1	Witness
Name BROWN, Daniel R.	Name LISA NOBLE
Signature 	Signature 
Date Nov 25, 2008	Date November 25, 2008

Assignor 2	Witness
Name CAMPAGNA, Matthew	Name LISA NOBLE
Signature 	Signature 
Date 25 Nov 2008	Date November 25, 2008

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Assignor 3	Witness
Name STRUIK, Marinus	Name LISA NOBLE
Signature 	Signature 
Date November 25, 2008	Date November 25, 2008

Assignor 4	Witness
Name VANSTONE, Scott A.	Name LISA NOBLE
Signature 	Signature 
Date November 25, 2008	Date November 25, 2008

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