

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Reinier M. Broker	01/05/2009
Kristin E. Lauter	01/05/2009
David Gruenewald	01/27/2009
RECEIVING PARTY DATA	
Name:	Microsoft Corporation
Street Address:	One Microsoft Way
City:	Redmond
State/Country:	WASHINGTON
Postal Code:	98052
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12350222
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(805) 278-8855
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Address Line 1:	300 Esplanade Dr., Suite 800
Address Line 4:	Oxnard, CALIFORNIA 93036
ATTORNEY DOCKET NUMBER:	MCS-048-08
NAME OF SUBMITTER:	Katrnia A. Lyon
<p>Total Attachments: 6</p> <p>source=MS#325592.01 MCS-048-08 Assignment#page1.tif</p> <p>source=MS#325592.01 MCS-048-08 Assignment#page2.tif</p>	

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**PATENT**  
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PATENT ASSIGNMENT

MS Docket No.:325592.01

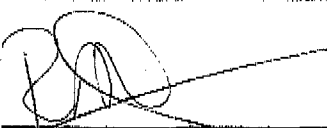
I/WE, Reinier M. Broker, Kristin E. Lauter and David Gruenewald ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "COMPUTING ISOGENIES BETWEEN GENUS-2 CURVES FOR CRYPTOGRAPHY" ("APPLICATION"), which:

- ☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 69316, to insert here in parenthesis (Application No. 12/350,222, filed 1/1/2009) this APPLICATION's Application No. and filing date, when known;
- ☐ was filed on \_\_\_\_\_ and was given Application No. \_\_\_\_\_;
- ☐ is filed concurrently herewith;

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

 _____ Inventor's Signature	<u>Jan 5, 2009</u> _____ Date
Reinier M. Broker _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.:325592.01

_____ Inventor's Signature	_____ Date
Kristin E. Lauter	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
David Gruenewald	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

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_____ Inventor's Signature	_____ Date
Reinier M. Broker	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

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<u>Kristin E. Lauter</u>	<u>1-5-09</u>
Inventor's Signature	Date
<u>Kristin E. Lauter</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

<u></u>	<u></u>
Inventor's Signature	Date
<u>David Gruenewald</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

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Reinier M. Broker	
Printed Name in English	Printed Name in Native Language (if other than English)

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Kristin E. Lauter	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

 _____ Inventor's Signature	<u>1/27/2009</u> _____ Date
David Gruenewald	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)