

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Mariana Raykova	11/30/2010
Seny F. Kamara	11/30/2010
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<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98052
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12961805
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<b>ATTORNEY DOCKET NUMBER:</b>	331004.01
<b>NAME OF SUBMITTER:</b>	Jared S. Goff
<b>Total Attachments: 2</b> source=331004-01-Exec-Assignment-InfoFilled#page1.tif source=331004-01-Exec-Assignment-InfoFilled#page2.tif	

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MS Docket No.: 331004.01

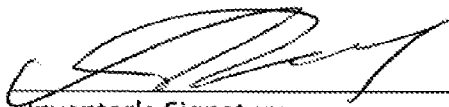
I/WE, Mariana Raykova and Seny F. Kamara ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "COUNTING DELEGATION USING HIDDEN VECTOR ENCRYPTION" ("APPLICATION"), which:

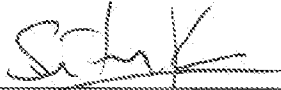
- will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 69316, to insert here in parenthesis (Application No. 12961805, filed 07/12/2010) 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>11/30/2010</u> _____ Date
Mariana Raykova _____ Printed Name in English	<u>МАРИАНА РАЙКОВА</u> _____ Printed Name in Native Language (if other than English)

	<u>11/30/10</u>
Inventor's Signature	Date
<u>Seny F. Kamara</u>	
Printed Name in English	Printed Name in Native Language (if other than English)