

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Krzysztof J. Cwalina</td><td>10/03/2008</td></tr><tr><td>Michael C. Fanning</td><td>10/02/2008</td></tr><tr><td>Brian M. Grunkemeyer</td><td>10/02/2008</td></tr><tr><td>Brent E. Rector</td><td>10/02/2008</td></tr><tr><td>Barend H. Venter</td><td>10/02/2008</td></tr></tbody></table>	Name	Execution Date	Krzysztof J. Cwalina	10/03/2008	Michael C. Fanning	10/02/2008	Brian M. Grunkemeyer	10/02/2008	Brent E. Rector	10/02/2008	Barend H. Venter	10/02/2008	
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Barend H. Venter	10/02/2008												
RECEIVING PARTY DATA													
Name:	Microsoft Corporation												
Street Address:	One Microsoft Way												
City:	Redmond												
State/Country:	WASHINGTON												
Postal Code:	98052												
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>12247304</td></tr></tbody></table>	Property Type	Number	Application Number:	12247304									
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CORRESPONDENCE DATA													
Fax Number: (425)936-7329 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Address Line 2: Patent Group Docketing Dept													
Address Line 4: Redmond, WASHINGTON 98052													
ATTORNEY DOCKET NUMBER:	324849.01												
NAME OF SUBMITTER:	G.Nisha												

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PATENT ASSIGNMENT

MS Docket No.: 324849.01


I/WE, Krzysztof J. Cwalina, Michael C. Fanning, Brian M. Grunkemeyer, Brent E. Rector, and Barend H. Venter, ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "LOGICAL EXTENSIONS TO INTERMEDIATE CODE" ("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. 12/247,304, filed 10/08/2008) 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).

	<u>10/03/2008</u>
Inventor's Signature	Date
<u>KRZYSZTOF J. CWALINA</u>	
Krzysztof J. Cwalina	Printed Name in Native Language (if

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_____ other than English)

_____ Inventor's Signature	_____ Date
_____ Michael C. Fanning	_____ Printed Name in Native Language (if other than English)

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_____ Krzysztof J. Cwalina	_____ Printed Name in Native Language (if

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Inventor's Signature

10/2/2008
Date

Michael C. Fanning

Printed Name in Native Language (if
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Inventor's Signature

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_____ <i>Brent E. Rector</i> Inventor's Signature	_____ <i>10/2/08</i> Date
_____ <i>Brent E. Rector</i> Brent E. Rector	_____ Printed Name in Native Language (if other than English)

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<u>BH Venter</u>	<u>10/02/2008</u>
Inventor's Signature	Date
<u>Barend H. Venter</u>	<u>Printed Name in Native Language (if other than English)</u>