

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ashwin S. Needamangala</td> <td>03/14/2008</td> </tr> <tr> <td>Mariyan D. Fransazov</td> <td>03/13/2008</td> </tr> <tr> <td>John R. Ashmun</td> <td>03/13/2008</td> </tr> <tr> <td>Kantcho I. Bogdev</td> <td>03/17/2008</td> </tr> <tr> <td>Ying Deng</td> <td>03/13/2008</td> </tr> </tbody> </table>		Name	Execution Date	Ashwin S. Needamangala	03/14/2008	Mariyan D. Fransazov	03/13/2008	John R. Ashmun	03/13/2008	Kantcho I. Bogdev	03/17/2008	Ying Deng	03/13/2008
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Ying Deng	03/13/2008												
<b>RECEIVING PARTY DATA</b>													
<b>Name:</b>	Microsoft Corporation												
<b>Street Address:</b>	One Microsoft Way												
<b>City:</b>	Redmond												
<b>State/Country:</b>	WASHINGTON												
<b>Postal Code:</b>	98052												
<b>PROPERTY NUMBERS Total: 1</b>													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12051823</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12051823								
Property Type	Number												
Application Number:	12051823												
<b>CORRESPONDENCE DATA</b>													
Fax Number:	(425)936-7329												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	425-707-2290												
Email:	dbouton@microsoft.com												
Correspondent Name:	Dianne Bouton												
Address Line 1:	One Microsoft Way												
Address Line 4:	Redmond, WASHINGTON 98052												
<b>ATTORNEY DOCKET NUMBER:</b>	322642.01												
<b>NAME OF SUBMITTER:</b>	Snigdhaa Talwar												

**CH \$40.00 12051823**

Total Attachments: 2

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**PATENT ASSIGNMENT**

I/WE, Ashwin S. Needamangala, Mariyan D. Fransazov, John R. Ashmun, Kantcho I. Bogdev, Ying Deng ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Module Interrogation" ("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. 12/051823, filed 03/19/2008) this APPLICATION's Application No. and filing date, when known;

- was filed on \_\_\_\_\_ and was given Application No. \_\_\_\_\_;
- is filed concurrently herewith;

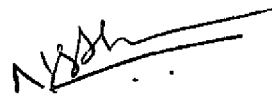
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, 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).

03/14/08

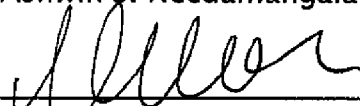
Date



Ashwin S. Needamangala

03/13/08

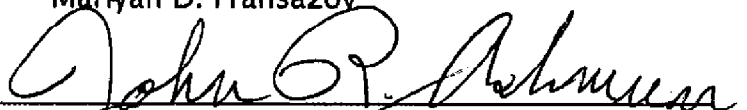
Date



Mariyan D. Fransazov

March 13, 2008

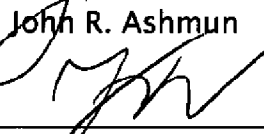
Date



John R. Ashmun

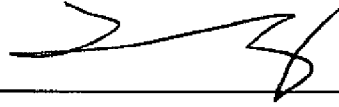
March 17, 2008

Date



Kantcho I. Bogdev

3/13/2008



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Date

Ying Deng