

**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>Abhishek Abhishek</td> <td>04/20/2006</td> </tr> <tr> <td>Amer A. Hassan</td> <td>04/20/2006</td> </tr> <tr> <td>Christian Huitema</td> <td>04/24/2006</td> </tr> <tr> <td>Deyun Wu</td> <td>04/20/2006</td> </tr> <tr> <td>Thomas Kuehnel</td> <td>04/24/2006</td> </tr> </tbody> </table>		Name	Execution Date	Abhishek Abhishek	04/20/2006	Amer A. Hassan	04/20/2006	Christian Huitema	04/24/2006	Deyun Wu	04/20/2006	Thomas Kuehnel	04/24/2006
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Thomas Kuehnel	04/24/2006												
<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>11410409</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11410409								
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Application Number:	11410409												
<b>CORRESPONDENCE DATA</b>													
<b>Fax Number:</b>	(617)646-8646												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
<b>Phone:</b>	617-646-8000												
<b>Email:</b>	pmarchetti@wolfgreenfield.com												
<b>Correspondent Name:</b>	Wolf, Greenfield & Sacks, P.C.												
<b>Address Line 1:</b>	600 Atlantic Avenue												
<b>Address Line 4:</b>	Boston, MASSACHUSETTS 02210												
<b>ATTORNEY DOCKET NUMBER:</b>	M1103.70305US00												
<b>NAME OF SUBMITTER:</b>	Randy J. Pritzker												

CH \$40.00 11410409

Total Attachments: 2

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**PATENT ASSIGNMENT**

WE, Abhishek Abhishek; Amer A. Hassan; Christian Huitema; Deyun Wu, and Thomas Kuehnel ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "VARIABLE OFDM SUBCHANNEL CODING AND MODULATION" ("APPLICATION"), which:

will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210, who are associated with customer number 45840, to insert here in parenthesis (U.S. Serial No. 11/410409, filed (April 25, 2006) this APPLICATION's U.S. Serial Number and filing date, when known);

was filed on            and was given U.S. Serial No. Not Yet Assigned;

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);

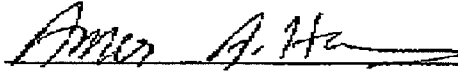
ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

4/20/06  
DATE

  
Abhishek Abhishek

4/20/2006

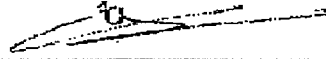
DATE



Amer A. Hassan

4/24/2006


DATE



Christian Huitema

4/20/2006

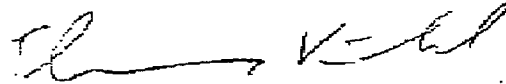
DATE



Deyun Wu

4/24/2006

DATE



Thomas Kuehnel