

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Jitendra D. Padhye</td><td>03/21/2005</td></tr><tr><td>Venkata N. Padmanabhan</td><td>03/21/2005</td></tr></tbody></table>		Name	Execution Date	Jitendra D. Padhye	03/21/2005	Venkata N. Padmanabhan	03/21/2005				
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Jitendra D. Padhye	03/21/2005										
Venkata N. Padmanabhan	03/21/2005										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Microsoft Corporation</td></tr><tr><td>Street Address:</td><td>One Microsoft Way</td></tr><tr><td>City:</td><td>Redmond</td></tr><tr><td>State/Country:</td><td>WASHINGTON</td></tr><tr><td>Postal Code:</td><td>98052</td></tr></table>		Name:	Microsoft Corporation	Street Address:	One Microsoft Way	City:	Redmond	State/Country:	WASHINGTON	Postal Code:	98052
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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>11088130</td></tr></tbody></table>		Property Type	Number	Application Number:	11088130						
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Application Number:	11088130										
CORRESPONDENCE DATA											
Fax Number: (617)646-8646 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Total Attachments: 1 source=924584_1#page1.tif											

CH \$40.00 11088130

PATENT ASSIGNMENT

WE, Jitendra D. Padhye and Venkata N. Padmanabhan ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AVAILABLE BANDWIDTH ESTIMATION" ("APPLICATION"), which:

- ☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, who are associated with customer number 22971, to insert here in parenthesis (U.S. Serial No. 11/088,130, filed March 23, 2005) this APPLICATION's U.S. Serial Number and filing date, when known;
- ☐ was filed on ..... and was given U.S. Serial 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).

21 March 2005  
DATE

21 March 2005  
DATE

J D Padhye  
Jitendra D. Padhye

V N Padmanabhan  
Venkata N. Padmanabhan