

**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>Walid Ali</td> <td>01/23/2008</td> </tr> <tr> <td>Shankar Regunathan</td> <td>02/04/2008</td> </tr> <tr> <td>Guo-Wei Shieh</td> <td>02/04/2008</td> </tr> <tr> <td>Bruce Lin</td> <td>01/25/2008</td> </tr> <tr> <td>Bharath Siravara</td> <td>01/29/2008</td> </tr> <tr> <td>Ce Wang</td> <td>01/25/2008</td> </tr> </tbody> </table>		Name	Execution Date	Walid Ali	01/23/2008	Shankar Regunathan	02/04/2008	Guo-Wei Shieh	02/04/2008	Bruce Lin	01/25/2008	Bharath Siravara	01/29/2008	Ce Wang	01/25/2008
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Bharath Siravara	01/29/2008														
Ce Wang	01/25/2008														
<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>12026534</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12026534										
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Application Number:	12026534														
<b>CORRESPONDENCE DATA</b>															
<b>Fax Number:</b>	(425)936-7329														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
<b>Phone:</b>	425-707-2290														
<b>Email:</b>	dbouton@microsoft.com														
<b>Correspondent Name:</b>	Dianne Bouton														
<b>Address Line 1:</b>	One Microsoft Way														
<b>Address Line 4:</b>	Redmond, WASHINGTON 98052														
<b>ATTORNEY DOCKET NUMBER:</b>	322332.01														
<b>NAME OF SUBMITTER:</b>	Snigdhaa Talwar														

CH \$40.00 12026534

**Total Attachments: 10**

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**PATENT ASSIGNMENT**

WE, Walid Ali, Shankar Regunathan, Guo-Wei Shieh, Bruce Lin, Bharath Siravara and Ce Wang ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ENTROPY CODING EFFICIENCY ENHANCEMENT UTILIZING ENERGY DISTRIBUTION REMAPPING" ("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 Ser. No. 12/026,534, filed 02/05/2008) this APPLICATION's Application Ser. No. and filing date, when known;

was filed on \_\_\_\_\_ and was given Application Ser. 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).

1/23/8  
Date

Walid  
Walid Ali

\_\_\_\_\_  
Date

\_\_\_\_\_  
Shankar Regunathan

\_\_\_\_\_  
Date

\_\_\_\_\_  
Guo-Wei Shieh

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(Continued from page 1 to list additional inventors)

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Bruce Lin

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Bharath Siravara

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\_\_\_\_\_  
Date

2/04/2008  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
Walid Ali

R. Shankar  
Shankar Regunathan

\_\_\_\_\_  
Guo-Wei Shieh

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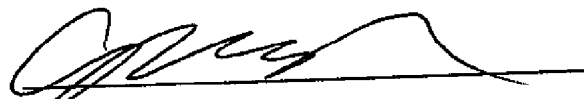
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Walid Ali

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Shankar Regunathan

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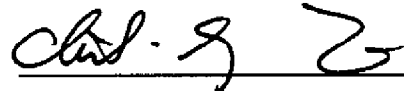
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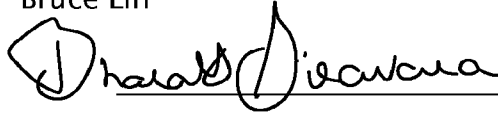
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