

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>Murray Sargent III</td><td>10/18/2005</td></tr><tr><td>Jennifer P. Michelstein</td><td>10/18/2005</td></tr><tr><td>Ethan Joseph Bernstein</td><td>10/18/2005</td></tr><tr><td>Said Abou-Hallawa</td><td>10/18/2005</td></tr><tr><td>Isao Yamauchi</td><td>10/18/2005</td></tr></tbody></table>	Name	Execution Date	Murray Sargent III	10/18/2005	Jennifer P. Michelstein	10/18/2005	Ethan Joseph Bernstein	10/18/2005	Said Abou-Hallawa	10/18/2005	Isao Yamauchi	10/18/2005	
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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>11229023</td></tr></tbody></table>	Property Type	Number	Application Number:	11229023									
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CORRESPONDENCE DATA													
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NAME OF SUBMITTER:	Robert A. Kalinsky												

CH \$40.00 11229023

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PATENT
REEL: 016668 FRAME: 0302

Total Attachments: 1
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MS Docket No. 312854.01
(OC Docket No. 14917.217US11)PATENT ASSIGNMENT

WE, Murray Sargent, III, Jennifer P. Michelstein, Ethan Joseph Bernstein, Said Abou-Hallawa, and Isao Yamauchi ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Mathematical Expression Buildup and Builddown" ("APPLICATION"), which:

- ☐ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Merchant & Gould PC, who are associated with customer number 27488, to insert here in parenthesis (U.S. Serial No. _____, filed _____) this APPLICATION's U.S. Serial Number, when known;
- ☒ was filed on September 16, 2005 and was given U.S. Serial No. 11/229,023;
- ☐ 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).

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Murray Sargent III
Murray Sargent, III

Jennifer P. Michelstein
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Ethan Joseph Bernstein
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Said Abou-Hallawa
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Isao Yamauchi
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