PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Sumit Gulwani	09/09/2008
Saurabh Srivastava	09/11/2008
Ramarathnam Venkatesan	09/13/2008

RECEIVING PARTY DATA

Name:	Microsoft Corporation
Street Address:	One Microsoft Way
City:	Redmond
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12147908

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ATTORNEY DOCKET NUMBER:	322865.01
NAME OF SUBMITTER:	Ajay Kumar Sarkar

Total Attachments: 4
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12147908

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PATENT
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I/WE, Sumit Gulwani, Saurabh Srivastava and Ramarathnam Venkatesan ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "PROGRAM ANALYSIS AS CONSTRAINT SOLVING" ("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. _____, filed _____) this APPLICATION'S Application No. and filing date, when known;

☒ was filed on __06/27/2008__ and was given Application No. __12/147,908__;

☐ 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).

Sumit	_9/9/2008_
	Date
Sumit Gulwani	
Printed Name in English	Printed Name in Native Language (if other than English)

Saurabh Srivastava	Date
Printed Name in English	Printed Name in Native Language (if other than English)

Ramarathnam Venkatesan	*13 Sep 2008*
	Date
Ramarathnam Venkatesan	நாமரத்னம் வெங்கடேசன்
Printed Name in English	Printed Name in Native Language (if other than English)

Page 2 of 2

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_____   _____
                                      Date

<u>Sumit Gulwani</u>   _____
Printed Name in English   Printed Name in Native Language (if other than English)

S. Srivastava.
_____   09/11/08
Saurabh Srivastava   _____
SAURABH   SRIVASTAVA   Date
_____
Printed Name in English   _____
                                         Printed Name in Native Language (if
                                         other than English)

_____
                                         _____
                                         Date
Ramarathnam Venkatesan
_____   _____
Printed Name in English   Printed Name in Native Language (if
                                         other than English)

PATENT