PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Vivek R. Narasayya	06/13/2006
Sanjay Agrawal	05/31/2006
Anish Das Sarma	05/31/2006

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:	11423924

CORRESPONDENCE DATA

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Address Line 2: 24th Floor, National City Center

Address Line 4: Cleveland, OHIO 44114

ATTORNEY DOCKET NUMBER:	MS317027.01/MSFTP1427US
NAME OF SUBMITTER:	Himanshu S. Amin

Total Attachments: 3

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PATENT REEL: 017990 FRAME: 0862

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> PATENT REEL: 017990 FRAME: 0863

PATENT ASSIGNMENT

a patent application entitled "AUTOMATE ("APPLICATION"), which: will be filed without this hereby authorize, and a Amin, Turocy and Calvi 44114, who are associa	is executed PATENT ASSIGNMENT. ASSIGNORS request, ASSIGNEE'S legal representatives, of n, LLP, 1900 E. 9th Street, Cleveland, Ohio ated with customer number 27195, to insert
nere in parenthesis (U.S) this APPLICATION's U.S was filed on	S. Serial No. 11/423,924, filed 6/13/06 S. Serial Number and filing date, when known; and was given U.S. Serial No;
Microsoft Corporation, a Waits successors and assigns ("ASSIGNEE"), is entire and exclusive rights, title and interest (and all other applications and patents de applications, in and for the United States, ("APPLICATION DERIVATIVES")); For good and valuable considuations acknowledged by the ASSIGNORS, the ASSIGNEE, the entire and exclusive right the APPLICATION (and APPLICATION DERIVASSIGNORS agree to execute the making and prosecution of the APPLICATION.	shington Corporation, on behalf of itself and sentitled to, and is desirous of acquiring, the est in the INVENTION and the APPLICATION rived therefrom, such as continuing its territories, and all foreign countries deration, the receipt of which is hereby IGNORS hereby sell, assign and transfer to hts, title and interest in the INVENTION and VATIVES); all instruments and documents required for ATION (and APPLICATION DERIVATIVES), for the refrom, and for the purpose of presents
06/13/06 DATE	VIVEK R. NARASAYYA
DATE	SANJAY AGRAWAL
DATE	ANISH DAS SARMA

PATENT REEL: 017990 FRAME: 0864

MS Docket No. MS317027.01 (OC Docket No. MSFTP1427US)

PATENT ASSIGNMENT

WE, VIVEK R. NARASAYYA, SANJA	Y AGRAWAL, and ANISH DAS SARMA			
("ASSIGNORS"), have invented subject matter ("				
a patent application entitled "AUTOMATED LO	GICAL DATABASE DESIGN TUNING"			
("APPLICATION"), which:				
	cuted PATENT ASSIGNMENT. ASSIGNORS			
hereby authorize, and reque	st, ASSIGNEE'S legal representatives, of			
Amin, Turocy and Calvin, LLI	P, 1900 E. 9th Street, Cleveland, Ohio			
44114, who are associated v	vith customer number 27195, to insert			
here in parenthesis (U.S. Ser	ial No. 11/423,924, filed 6/13/06			
) this APPLICATION's U.S. Se	rial Number and filing date, when known;			
was filed on and	was given U.S. Serial No;			
is filed concurrently herewit	h;			
Microsoft Corporation, a Washin	gton Corporation, on behalf of itself and			
its successors and assigns ("ASSIGNEE"), is ent	itled 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 t	erritories, and all foreign countries			
("APPLICATION DERIVATIVES"));				
	ition, the receipt of which is hereby			
acknowledged by the ASSIGNORS, the ASSIGNORS hereby sell, assign and transfer to				
the ASSIGNEE, the entire and exclusive rights, title and interest in the invention and				
the APPLICATION (and APPLICATION DERIVATIVES);				
ASSIGNORS agree 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).				
DATE	VIVEK R. NARASAYYA			
DATE				
25/31/06	Sofi April			
05/31/06 DATE	SANJAY AGRAWAL			
DATE	ANISH DAS SARMA			

PATENT REEL: 017990 FRAME: 0865

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PATENT REEL: 017990 FRAME: 0866

RECORDED: 07/25/2006