### PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Tanmoy Dutta	06/08/2005
Girish Chander	06/13/2005
Ziquan Li	06/08/2005
Steven Richard Gott	06/08/2005
Clifford T. Dibble	06/08/2005

#### **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:	11151998

#### **CORRESPONDENCE DATA**

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NAME OF SUBMITTER: Himanshu S. Amin

Total Attachments: 2

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PATENT REEL: 016178 FRAME: 0348

## PATENT ASSIGNMENT

WE, TANMOY DUTTA, GIRISH CH	IANDER, ZIQUAN LI, STEVEN RICHARD			
GOTT and CLIFFORD T. DIBBLE ("ASSIGNORS"), have invented subject matter				
("INVENTION") disclosed and/or claimed in a patent application entitled "SPECIFICATION				
OF A HIERARCHICAL AUTHORIZATION MODEL				
EXTENSIONS" ("APPLICATION"), which:				
will be filed without this ex	ecuted PATENT ASSIGNMENT. ASSIGNORS			
hereby authorize, and requ	est, ASSIGNEE'S legal representatives, of			
Amin and Turocy, LLP, 1900	E. 9th Street, Cleveland, Ohio 44114,			
	stomer number 27195, to insert here in			
	, filed)			
	ial Number and filing date, when known;			
was filed on	_ and was given U.S. Serial No;			
is filed concurrently herewi				
	ngton Corporation, on behalf of itself and			
its successors and assigns ("ASSIGNEE"), is er	ntitled 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 derive				
applications, in and for the United States, its				
("APPLICATION DERIVATIVES"));				
	ation, the receipt of which is hereby			
acknowledged by the ASSIGNORS, the ASSIGN	NORS hereby sell, assign and transfer to			
the ASSIGNEE, the entire and exclusive rights				
the APPLICATION (and APPLICATION DERIVA-				
ASSIGNORS agree to execute al	l instruments and documents required for			
the making and prosecution of the APPLICAT	TON (and APPLICATION DERIVATIVES), for			
litigation regarding letters patent derived the	erefrom, and for the purpose of protecting			
and perfecting title to the APPLICATION (and	APPLICATION/DERIVATIVES).			
June 8, 2005	Aprilà.			
JUNE 8, 400 3	<u> </u>			
DATE	ZANMOY DUTTA			
The state of the s	GIRISH CHANDER			
DATE	GIRISH CHANDER			
June 8, 2005				
DATE	ZIQUAN LI			
1				
June 8, 2005	The Richard Bott			
DATE	STEVEN RICHARD GOTT			
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June 6, 2005	KIKT 1 PPB,			
DATE	CLIFFORD T. DIBBLE			

PATENT REEL: 016178 FRAME: 0349

# PATENT ASSIGNMENT

	NOTE FIGURALLI STEVEN RICHARD
WE, TANMOY DUTTA, GIRISH CHA	NDER, ZIQUAN LI, STEVEN RICHARD
GOTT and CLIFFORD T. DIBBLE ("ASSIGNORS"), h	iave invented subject matter
("INNICATION") disclosed and/or claimed in a pa	tent application entitled SPECIFICATION
OF A HIERARCHICAL AUTHORIZATION MODEL F	OR A DBMS - SQL LANGUAGE
"WEENGLONG" ("ADDLICATION") Which	
a filed without this exec	uted PATENT ASSIGNMENT. ASSIGNORS
horoby authorize and reques	t, ASSIGNEE'S legal representatives, of
Amin and Turocy IIP 1900	E. 9th Street, Cleveland, Ohio 44114,
Amin and fullocy, Early 1900	omer number 27195, to insert here in
Who are associated with case	filed
parenthesis (U.S. Serial No	A Number and filing date, when known:
this APPLICATION's U.S. Seria	Il Number and filing date, when known;
was filed on	and was given U.S. Serial No
is filed concurrently herewith	l;
Microsoft Corporation, a Washing	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"));	
For good and valuable considera	tion, the receipt of which is hereby
acknowledged by the ASSIGNORS, the ASSIGNO	ORS hereby sell, assign and transfer to
the ASSIGNEE, the entire and exclusive rights,	title and interest in the INVENTION and
the ASSIGNEE, the entire and exclusive rights,	(ALES THE HARDEST AND THE PARTY OF THE PARTY
the APPLICATION (and APPLICATION DERIVATI	instruments and documents required for
ASSIGNORS agree to execute air	ON (and ADDI ICATION DERIVATIVES), for
the making and prosecution of the APPLICATI	ON (and APPLICATION DERIVATIVES), 191
litigation regarding letters patent derived the	refrom, and for the purpose of protecting
and perfecting title to the APPLICATION (and	APPLICATION DERIVATIVES).
DATE	TANMOY DUTTA
1 1	
6/13/05	Spall
DATE	GIRISH CHANDER
DATE	ZIQUAN LI
DATE	STEVEN RICHARD GOTT
The state of the s	
DATE	CLIFFORD T. DIBBLE

**RECORDED: 06/23/2005** 

PATENT REEL: 016178 FRAME: 0350