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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Marius Dumitru	05/23/2005
Amir Netz	05/23/2005
Mosha Pasumansky	05/23/2005
Cristian Petculescu	05/23/2005
Richard R. Tkachuk	05/23/2005
Paul J. Sanders	05/24/2005

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:	11137233

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PATENT REEL: 016151 FRAME: 0473

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Total Attachments: 2 source=816ass#page1.tif source=816ass#page2.tif

> PATENT REEL: 016151 FRAME: 0474

PATENT ASSIGNMENT

WE, MARIUS DUMITR	U, AMIK NETZ, MOSHA PASUMANSKY, CRISTIAN
PETCULESCU, RICHARD R. TKACHI	JK, and PAUL J. SANDERS ("ASSIGNORS"), have
invented subject matter ("INVENTI	ON") disclosed and/or claimed in a patent application
	ABASE SUBCUBES" ("APPLICATION"), which:
The state of the s	out this executed PATENT ASSIGNMENT. ASSIGNORS
	e, and request, ASSIGNEE'S legal representatives, of
	y, LLP, 1900 E. 9th Street, Cleveland, Ohio 44114,
	ted with customer number 27195, to insert here in
parenthesis (U.S	. Serial No. 11/137,233 , filed 05/25/2005
	N's U.S. Serial Number and filing date, when known;
Part of the Control o	and was given U.S. Serial No.
is filed concurre	
Microsoft Corporatio	on, a Washington Corporation, on behalf of itself and
	NEE"), is entitled to, and is desirous of acquiring, the
	nd interest in the INVENTION and the APPLICATION
	ents derived therefrom, such as continuing
	States, its territories, and all foreign countries
("APPLICATION DERIVATIVES"));	
For good and valuab	le consideration, the receipt of which is hereby
	the ASSIGNORS hereby sell, assign and transfer to
	isive rights, title and interest in the INVENTION and
the APPLICATION (and APPLICATIO	
ASSIGNORS agree to	execute all instruments and documents required for
	APPLICATION (and APPLICATION DERIVATIVES), for
	derived therefrom, and for the purpose of protecting
	TION (and APPLICATION DERIVATIVES).
5/27/2005	D14anns
DATE	MARIUS DUMITRU
5/23/05	All
DATE	
DATE	AMIR NEW
5/23/05	
DATE	MOSHA PASUMANSKY
5/23/05	O I
9/53/01	John (
DATE	CRISTIAN PETCULESCU

PATENT REEL: 016151 FRAME: 0475

MS Docket No. MS310687.01 (OC Docket No. MSFTP816US)

5.27,05	21 LOK
DATE	RICHARD R. TKACHU
5/24/05	- But
DATE	PAUL J. SANDERS

RECORDED: 06/16/2005