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PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Stephen Lawler	08/21/2006
Eric J. Horvitz	09/13/2006
Joshua T. Goodman	08/29/2006
Anoop Gupta	08/23/2006
Christopher A. Meek	08/21/2006
Eric D. Brill	08/28/2006
Gary W. Flake	07/19/2006
Ramez Naam	10/16/2006
Surajit Chaudhuri	08/21/2006
Oliver Hurst-Hiller	06/24/2006

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:	11427305

CORRESPONDENCE DATA

Fax Number: (216)696-8731

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Correspondent Name: Amin, Turocy & Calvin, LLP

Address Line 1: 1900 East 9th Street, 24th Floor

PATENT REEL: 018429 FRAME: 0737

500169032

Address Line 4: Cleveland, OHIO 44114	
ATTORNEY DOCKET NUMBER: MS316961.01/MSFTP1418US	
NAME OF SUBMITTER:	Himanshu S. Amin
Total Attachments: 12 source=MS316961-01-ExecAsgn#page1.tif source=MS316961-01-ExecAsgn#page2.tif source=MS316961-01-ExecAsgn#page3.tif source=MS316961-01-ExecAsgn#page4.tif source=MS316961-01-ExecAsgn#page5.tif source=MS316961-01-ExecAsgn#page6.tif source=MS316961-01-ExecAsgn#page7.tif source=MS316961-01-ExecAsgn#page8.tif source=MS316961-01-ExecAsgn#page9.tif source=MS316961-01-ExecAsgn#page10.ti source=MS316961-01-ExecAsgn#page11.ti source=MS316961-01-ExecAsgn#page12.ti	f

WE, STEPHEN LAWLER, ERIC J. I	HORVITZ, JOSHUA T. GOODMAN, ANOOP	
GUPTA, CHRISTOPHER A. MEEK, ERIC D. BRIL	L. GARY W. FLAKE. RAMEZ NAAM. SURAIIT	
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MULTI-DIMENSIONAL SEARCH" ("APPLICATION		
	executed PATENT ASSIGNMENT. ASSIGNORS	
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•	00 E. 9th Street, Cleveland, Ohio 44114,	
	ustomer number 27195, to insert here in	
	, filed)	
	erial Number and filing date, when known;	
	was given U.S. Serial No. 11/427,305;	
is filed concurrently herev		
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DATE	IOCHIIA T. COODMAN	
DATE	JOSHUA T. GOODMAN	
DATE	ANOOP GUPTA	

MS Docket No. MS510901.01 (OC Docket No. MSFTP1418US)

Aun 21, 2006	Ulafilet. Wil
DATE	CHRISTOPHER A. MEEK
DATE	ERIC D. BRILL
DATE	GARY W. FLAKE
DATE	RAMEZ NAAM
DATE	SURAJIT CHAUDHURI
DATE	OLIVER HURST-HILLER

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who are associated with Cu	istomer number 27195, to insert here in	
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and perfecting title to the APPLICATION (an	u AFFEICATION BENOVITIES	
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DATE	ERIC J. HORVITZ	
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August 29, 2006	(Just for). 100 planer	
DATE	JØŚHUA T. GOODMAN	
	ANOOP GUPTA	
DATE	ANOUF GOLLA	

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DATE	ERIC D. BRILL
7-19-06 DATE	Gary W. FLAKE
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Page 2 of 2

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hereby authorize, and req	uest, ASSIGNEE'S legal representatives, of				
•	00 E. 9th Street, Cleveland, Ohio 44114,				
•• •	ustomer number 27195, to insert here in				
	o, filed)				
	erial Number and filing date, when known;				
	I was given U.S. Serial No. 11/427,305;				
is filed concurrently herev	_				
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 deriv	
applications, in and for the United States, it	,				
("APPLICATION DERIVATIVES"));	s territories, and an foreign countries				
	eration, the receipt of which is hereby				
•	•				
acknowledged by the ASSIGNORS, the ASSIC					
the ASSIGNEE, the entire and exclusive right					
the APPLICATION (and APPLICATION DERIVA					
J	all instruments and documents required for				
the making and prosecution of the APPLICA	•				
litigation regarding letters patent derived th					
and perfecting title to the APPLICATION (and	d APPLICATION DERIVATIVES).				
DATE	CTEDLIEN LAWLED				
DATE	STEPHEN LAWLER				
DATE	ERIC J. HORVITZ				
DATE	JOSHUA T. GOODMAN				
DATE	ANOOP GUPTA				

(OC Docket No. MSFTP1418US)

DATE	CHRISTOPHER A. MEEK
DATE	ERIC D. BRILL
DATE	GARY W. FLAKE
DATE	RAMEZ NAAM
DATE	SURAJIT CHAUDHURI
6/24/06	- Oddi
DATE	OLIVER HURST_HIN ER

RECORDED: 10/24/2006