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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
Bo Thiesson	04/10/2008
Roland Franz Memisevic	04/11/2008

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:	12102453

CORRESPONDENCE DATA

Fax Number: (216)696-8731

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

Phone: 216-696-8730

Email: Ifluhr@thepatentattorneys.com

Correspondent Name: Himanshu S. Amin Address Line 1: 1900 E. 9th Street

Address Line 2: 24th Floor, National City Center

Address Line 4: Cleveland, OHIO 44114

ATTORNEY DOCKET NUMBER: MS322346.01/MSFTP2146US

NAME OF SUBMITTER: Himanshu S. Amin

Total Attachments: 2

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PATENT

REEL: 020803 FRAME: 0128

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PATENT ASSIGNMENT

WE, BO THIESSON, ROLAND FRANZ MEM SEVIC ("ASSIGNORS"), have				
invented subject matter ("INVENTION") disclosed and for claimed in a patent application				
entitled "PARSIMONIOUS MULTI-RESOLUTION VALUE—TEM LISTS" ("APPLICATION"),				
which:				
will be filed without this executed PATENT ASSIGNMENT. ASSIGNORS				
hereby authorize, and request, ASS GNEE'S legal representatives, of				
Amin, Turocy & Calvin, LLP, 24th Floor, National City Center, 1900 E.				
9th Street, Cleveland, Ohio 44114, who are associated with customer				
number 27195, to insert here in parenthesis (U.S. Serial No.				
filed) this APPL CATION'S U.S. Serial Number and				
filing date, when known;				
was filed on and was given U.S. Serial No;				
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 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).				
4/10/2008				
DATE BO THESSON				
DATE ROLAND FRANZ MEMISEVIC				
DATE ROLAND FRANZ MEMISEVIC				

PATENT REEL: 020803 FRAME: 0129

MS Docket No. MS322346.01 (OC Docket No. MSFTP2146US)

PATENT ASSIGNMENT					
WE, BO THIESSON, ROLAND FRANZ ME	MISEVIC ("ASSIGNORS"), nave				
invented subject matter ("INVENTION") disclosed an application entitled "PARSIMONIOUS MULTI-RESOLUT	TION VALUE-ITEM LISTS"				
application entitled "PARSIMONIOUS MOENTIES					
("APPLICATION"), which: ⊠ will be filed without this executed PA	ATENT ASSIGNMENT.				
ASSIGNORS hereby authorize, and	request ASSIGNEE'S legal				
ASSIGNORS hereby authorize, and	E Calvin LLP 24th Floor.				
representatives, of Amin, Turocy	wast Claveland Ohio 44114.				
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was filed on and was given U.S. Serial No					
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and its successors and assigns ("ASSIGNEE"), is entactioned acquiring, the entire and exclusive rights, title and acquiring, the entire and exclusive rights, title and acquiring and participations and participations.	interest in the INVENTION and				
the APPLICATION (and all other applications and pa	tents derived therefrom, such as				
the APPLICATION (and all other applications and pa	e its territories and all foreign				
continuing applications. In and joi the officed search	s, its territories, and all roloigh				
countries ("APPLICATION DERIVATIVES");					
For good and valuable consideration, the receipt of which is hereby					
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and the APPLICATION (and APPLICATION DERIVATIV	/E\$);				
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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) and for the					
for the making and prosecution of the APPLICATION (and APPLICATION and for the DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the DERIVATION (and APPLICATION)					
DERIVATIVES), for litigation regarding letters paters	DDLICATION (and APPLICATION				
DERIVATIVES), for litigation regarding letters pater purpose of protecting and perfecting title to the AF	PLICATION (and Art Electricit				
DERIVATIVES).					
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DATE	HIESSON				
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Apr. 11, 2008 BOL					
ROL	AND FRANZ MEMISEVIC				
DATE					

RECORDED: 04/15/2008

PATENT

REEL: 020803 FRAME: 0130