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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Su-Chin Chang	06/08/2005
Ravi C. Shahani	06/10/2005
Domenic J. Cipollone	06/10/2005
Michael V. Calcagno	06/12/2005
Mari J.B. Olsen	06/10/2005
David J. Parkinson	05/28/2005

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:	10943091

CORRESPONDENCE DATA

Fax Number: (612)334-3312

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

Phone: 612-334-3222

Email: RPeterson@wck.com

Correspondent Name: Joseph R. Kelly

Address Line 1: 900 Second Avenue South
Address Line 2: Suite 1400 - International Centre
Address Line 4: Minneapolis, MINNESOTA 55402

NAME OF SUBMITTER: Robyn Peterson

PATENT REEL: 016168 FRAME: 0963

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\$40.00

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Total Attachments: 5

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> PATENT REEL: 016168 FRAME: 0964

PATENT ASSIGNMENT

We, Su-Chin Chang, Ravi C	. Shahani, Domenic J. Cipollone, Michael J.
Calcagno, Mari J.B. Olsen and David J. Pi	arkinson (each "ASSIGNOR"), have invented
subject matter ("INVENTION") disclosed	and/or claimed in a patent application entitled
"LEVICAL SEMANITIC STRUCTURE" ("APPL	JCATION"), which:
□ will be filed without th	is executed PATENT ASSIGNMENT. ASSIGNOR
hereby authorizes, an	d requests, ASSIGNEE'S legal representatives, of
Westman Champlin &	Kelly P.A., 900 Second Ave. S., Suite 1600,
Missonnolis MN 554	02-3319, who are associated with customer
	ert here in parenthesis
number 27366, to ins	filed) this
(U.S. Serial No	, filed) this
APPLICATION'S U.S. So	erial Number and filing date, when known;
🔀 was filed on <u>September</u>	15, 2004 and was given U.S. Serial No.
<u>10/943,091</u> ;	
is filed concurrently he	erewith;
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 int	erest in the INVENTION and the APPLICATION
(and all other applications and patents	derived therefrom, such as continuing
and an other applications and parties	es, its territories, and all foreign countries
("APPLICATION DERIVATIVES"));	
	nsideration, the receipt of which is hereby
For good and valuable co	ESIGNAP haraby salls assigns and transfers to
acknowledged by the AssignOk, the As	SSIGNOR hereby sells, assigns and transfers to
	rights, title and interest in the INVENTION and
the APPLICATION (and APPLICATION DE	:RIVATIVES);
ASSIGNOR agrees to exec	ute all instruments and documents required for
the making and prosecution of the APP	LICATION (and APPLICATION DERIVATIVES), for
litigation regarding letters patent deriv	ed therefrom, and for the purpose of protecting
and perfecting title to the APPLICATION	N (and APPLICATION DERIVATIVES).
June 8 2005	
DATE	Su-Chin Chang
DATE	Ravi C. Shahani
DATE	Domenic J. Cipollone
DATE	Michael J. Calcagno

PATENT REEL: 016168 FRAME: 0965

DATE	Mari J.B. Olsen	_
		_

David J. Parkinson

JUN 08 2005 11:30 FR

DATE

TO 916123343312 P. 03/03
MS Docket No. M3 Docket No. M61.12-0720)

REEL: 016168 FRAME: 0966

DATE

MS Docket No. 302679.03 (OC Docket No. M61.12–0720)

PATENT ASSIGNMENT
We, Su-Chin Chang, Ravi C. Shahani, Domenic J. Cipollone, Michael J. V
Calcagno, Mari J.B. Olsen and David J. Parkinson (each "ASSIGNOR"), have invented
subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled
"LEXICAL SEMANTIC STRUCTURE" ("APPLICATION"), which:
☐ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR
hereby authorizes, and requests, ASSIGNEE'S legal representatives, of
Westman Champlin & Kelly P.A., 900 Second Ave. S., Suite 1600,
Minneapolis, MN 55402-3319, who are associated with customer
number 27366, to insert here in parenthesis
(U.S. Serial No, filed) this
APPLICATION's U.S. Serial Number and filing date, when known;
☑ was filed on September 15, 2004 and was given U.S. Serial No.
10/943,091;
☐ 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 ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to
the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and
the APPLICATION (and APPLICATION DERIVATIVES);
ASSIGNOR agrees 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 Su-Chin Chang
Su-Chin Chang
June 10, 2005 Vari Shahami
DATE Ravi C. Shahani
1 10-15

Michael J. Calcagno V.

Domenic J. Cipollone

PATENT REEL: 016168 FRAME: 0967

MS Docket No. MS Docket No. 302679.03 (OC Docket No. M61.12-0720)

ATE

Marij.B.

DATE

David J. Parkinson

David J. Parkinson

PATENT REEL: 016168 FRAME: 0969

RECORDED: 06/21/2005