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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ori Amiga	04/28/2008
John Macintyre	04/28/2008
Dharma Shukla	04/28/2008
Junfeng Zhang	04/24/2008

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:	12052550

CORRESPONDENCE DATA

Fax Number: (425)936-7329

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Email: dbouton@microsoft.com

Correspondent Name: Dianne Bouton Address Line 1: One Microsoft Way

Redmond, WASHINGTON 98052 Address Line 4:

ATTORNEY DOCKET NUMBER:	323325.01
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NAME OF SUBMITTER: Steven Spellman

Total Attachments: 8

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PATENT REEL: 021359 FRAME: 0575

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PATENT REEL: 021359 FRAME: 0576

PATENT ASSIGNMENT

MS Docket No.: 323325.01 I/WE, Ori Amiga, John Macintyre, Dharma Shukla and Junfeng Zhang ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "APPLICATION MANAGEMENT WITHIN DEPLOYABLE OBJECT HIERARCHY" ("APPLICATION"), which: will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 69316, to insert here in parenthesis (Application No. filed ______) this APPLICATION's Application No. and filing date, when known; \boxtimes was filed on 03/20/2008 and was given Application No. 12/052,550; 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). Printed Name in Native Language Date Ori Amiga Printed Name in Native Language Date John MacIntyre

Page 1 of 2

DHARMA SHURLA

Dharma Shukla

Date

Printed Name in Native Language

Junfeng Zhang

Date

Printed Name in Native Language

MS Docket No.: 323325.01

PATENT ASSIGNMENT

I/WE, Ori	Amiga, John Macintyre, Dharma	Shukla and Junfeng Zhang	
("ASSIGNOR"), h	ave invented subject matter ("INV	/ENTION") disclosed and/or claimed in	
a patent applica	tion entitled " APPLICATION MAN	IAGEMENT WITHIN DEPLOYABLE	
OBJECT HIERAR	CHY" ("APPLICATION"), which:		
	will be filed without this execute	d PATENT ASSIGNMENT. ASSIGNOR	
	hereby authorizes, and requests,	, ASSIGNEE'S legal representatives, of	
	the Law and Corporate Affairs De	epartment, Microsoft Corporation, One	
	Microsoft Way, Redmond, Washir	ngton 98052, who are associated with	
	customer number 69316, to inse	ert here in parenthesis (Application No	
	, filed) this	APPLICATION's Application No. and	
	filing date, when known;		
\boxtimes	was filed on <u>03/20/2008</u> and wa	as given Application No. <u>12/052,550</u> ;	
	is filed concurrently herewith;		
Microsof	: Corporation, a Washington Corp	ooration, on behalf of itself and its	
successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the			
entire and exclu	isive rights, title and interest in t	he INVENTION and the APPLICATION	
(and all other ap	oplications and patents derived th	herefrom, such as continuing	
applications, in	and for the United States, its terr	ritories, 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, t	he entire and exclusive rights, titl	le and interest in the INVENTION and	
the APPLICATIO	N (and APPLICATION DERIVATIVES	S);	
ASSIGNO	R agrees to execute all instrumer	nts and documents required for the	
making and pro	secution of the APPLICATION (and	d APPLICATION DERIVATIVES), for	
litigation regard	ling letters patent derived therefr	rom, and for the purpose of protecting	
and perfecting t	itle to the APPLICATION (and APP	PLICATION DERIVATIVES).	
Somme .	4/28/08	DE'NK 'DIK	
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Ori Amiga	Date	Printed Name in Native Language	
John MacIntyre	Date	Printed Name in Native Language	
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PATENT ASSIGNMENT

MS Docket No.: 323325.01

Dharma Shukla

Date

Printed Name in Native Language

Junfeng Zhang

Date

Printed Name in Native Language

PATENT ASSIGNMENT MS Docket No.: 323325.01

("ASSIGNOR"), h a patent applica OBJECT HIERAR(ave invented subject mat tion entitled "APPLICATION"), wh CHY" ("APPLICATION"), wh will be filed without this hereby authorizes, and r the Law and Corporate A Microsoft Way, Redmond customer number 69316	executed PATENT ASSIGNMENT. equests, ASSIGNEE'S legal repres affairs Department, Microsoft Cor l, Washington 98052, who are as b, to insert here in parenthesis (A) this APPLICATION's Applicat	or claimed in YABLE ASSIGNOR entatives, of poration, One sociated with pplication No.
ाञा			ED / OC D - E E O -
		8 and was given Application No.	<u> </u>
Microsoft successors and entire and exclu (and all other a applications, in ("APPLICATION For good acknowledged t the ASSIGNEE, t	assigns ("ASSIGNEE"), is estive rights, title and intemplications and patents dand for the United States DERIVATIVES")); and valuable considerations the ASSIGNOR, the ASSIGNOR, the ASSIGNOR, the entire and exclusive rights.	ton Corporation, on behalf of itse entitled to, and is desirous of acc rest in the INVENTION and the Al erived therefrom, such as contin s, its territories, and all foreign co ion, the receipt of which is hereb SIGNOR hereby sells, assigns and ights, title and interest in the INV	uiring, the PPLICATION uing ountries y transfers to
the APPLICATIO	N (and APPLICATION DER	RIVATIVES);	
making and pro litigation regard	secution of the APPLICAT	nstruments and documents requi FION (and APPLICATION DERIVAT d therefrom, and for the purpose (and APPLICATION DERIVATIVES).	IVES), for of protecting
Ori Amiga	Date	Printed Name in Na	tive Language
John MacIntyre	Date	Printed Name in Na	tive Language

Page 1 of 2

PATENT ASSIGNMENT

MS Docket No.: 323325.01

Dharma Shukla

Date

Printed Name in Native Language

9 94/24/28

Junfeng Zhang

Date

Printed Name in Native Language

MS Docket No.: <u>323325.01</u>

PATENT ASSIGNMENT

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Ori Amiga	Date Printed Name in Native Language
ALU	7 04/28/2008 John Macintyre
John Macintyre	Date Printed Name in Native Language
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PATENT ASSIGNMENT

MS Docket No.: 323325.01

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Dharma Shukla

Junfeng Zhang