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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ARUNGUNRAM C. SURENDRAN	03/27/2009
YING LI	03/27/2009
FLAVIA SILVANA MOSER	03/27/2009
MARTIN ESTER	03/27/2009

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Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12412921

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Address Line 2: 2555 GRAND BOULEVARD

Address Line 4: KANSAS CITY, MISSOURI 64108-2613

ATTORNEY DOCKET NUMBER:	326148.01/MFCP.145762
NAME OF CURMITTER.	Jacon O. Haward

NAME OF SUBMITTER: Jason O. Howard

Total Attachments: 6

PATENT REEL: 022463 FRAME: 0267

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PATENT REEL: 022463 FRAME: 0268

MARTIN ESTER ("ASSIGNOR"), have and/or claimed in a patent apple ONLINE USER" ("APPLICATION"), whereby authorizes, Shook, Hardy & Backnowledged by the ASSIGNOR, to the APPLICATION (and APPLICATION) to the solution of the Unite the APPLICATION (and APPLICATION).	e invented subject lication entitled "All ich: out this executed PA and requests, ASSI acon L.L.P. 2555 Grassociated with custs (Application No. and fili and was giver y herewith; (ashington Corporate"), is entitled to, and interest in the II patents derived ed States, its territation consideration, the che ASSIGNOR herebusive rights, title and N DERIVATIVES); te all instruments a APPLICATION (and derived therefrom, a	ATENT ASSIGNMENT. ASSIGNOR IGNEE'S legal representatives, of and Blvd., Kansas City, Missouri tomer number 45809, to insert, filed) this ing date, when known; happlication No; tion, on behalf of itself and its ind is desirous of acquiring, the NVENTION and the APPLICATION therefrom, such as continuing tories, and all foreign countries receipt of which is hereby by sells, assigns and transfers to ad interest in the INVENTION and and documents required for the APPLICATION DERIVATIVES), for and for the purpose of protecting
18	2-27-09	ARUNGUNRAM C. SURENDRAN
Inventor's Signature	Date	Printed Name in Native Language
Inventor's Signature	Date	Printed Name in Native Language
Inventor's Signature	Date	Printed Name in Native Language

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MS Docket No. 326148.01 (OC Docket No. MFCP.145762)

PATENT ASSIGNMENT

Inventor's Signature	Date	Printed Name in Native Language

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3365977v1

PATENT REEL: 022463 FRAME: 0270

MARTIN ESTER ("ASSIGNOR"), had and/or claimed in a patent appropriate on the continuous	ave invented subject optication entitled "/ which: nout this executed F es, and requests, AS Bacon L.L.P. 2555 G	I, FLAVIA SILVANA MOSER, and t matter ("INVENTION") disclosed ANTICIPATING INTERESTS OF AN PATENT ASSIGNMENT. ASSIGNOR SIGNEE'S legal representatives, of irand Blvd., Kansas City, Missouri stomer number 45809, to insert
here in parenthes	is (Application No. $_$, filed) this
APPLICATION'S A	pplication No. and fil	ling date, when known;
was filed on is filed concurren	and was give	n Application No;
		whom an last see as so
Successors and assigns ("ASSIGN	washington Corpora IFF") is antitled to	ation, on behalf of itself and its and is desirous of acquiring, the
entire and exclusive rights, title	and interest in the I	INVENTION and the APPLICATION
(and all other applications an	d patents derived	therefrom, such as continuing
applications, in and for the Uni	ited States, its terri	tories, and all foreign countries
("APPLICATION DERIVATIVES"));	,	torange countries
For good and valuable	consideration, the	e receipt of which is hereby
acknowledged by the ASSIGNOR,	the ASSIGNOR herel	by sells, assigns and transfers to
the ASSIGNEE, the entire and exc	lusive rights, title ar	nd interest in the INVENTION and
the APPLICATION (and APPLICATION		
making and prosecution of the litigation regarding letters patent	APPLICATION (and derived therefrom, a	and documents required for the APPLICATION DERIVATIVES), for and for the purpose of protecting
and perfecting title to the APPLICA	TION (and APPLICA)	ION DERIVATIVES).
JUS .	3/27/2009	
Inventor's Signature	Date .	Printed Name in Native Language
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-	aum 444,14 Ng.	Printed Name in Native Language
Inventor's Signature	Date	Printed Name in Native Language

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M5 Docket No. 326148.01 (OC Docket No. MFCP.145762)

PATENT ASSIGNMENT

Inventor's Signature Date Printed Name in Native Language

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PATENT REEL: 022463 FRAME: 0272

MARTIN ESTER ("ASSIGNOR"), have and/or claimed in a patent applications will be filed without hereby authorizes, Shook, Hardy & Backer in parenthesis APPLICATION's Applications and assigns ("ASSIGNED entire and exclusive rights, title at (and all other applications and applications, in and for the Unite ("APPLICATION DERIVATIVES")); For good and valuable acknowledged by the ASSIGNOR, to the ASSIGNEE, the entire and exclusive the APPLICATION (and APPLICATION)	invented subject in invented subject in iteration entitled "AN och: ut this executed PA and requests, ASSI con L.L.P. 2555 Grassociated with cust (Application No and was given and was given and was given and interest in the IN patents derived in patents derived iteration, the che ASSIGNOR herebusive rights, title and N DERIVATIVES); te all instruments application (and derived therefrom, and derived therefrom, and derived therefrom, and	TENT ASSIGNMENT. ASSIGNOR GNEE'S legal representatives, of and Bivd., Kansas City, Missouri comer number 45809, to insert, filed) this and date, when known; Application No; the is desirous of acquiring, the NVENTION and the APPLICATION therefrom, such as continuing cories, and all foreign countries receipt of which is hereby by sells, assigns and transfers to ad interest in the INVENTION and and documents required for the APPLICATION DERIVATIVES), for and for the purpose of protecting
inventor's Signature	Date	Printed Name in Native Language
Inventor's Signature	Date	Printed Name in Native Language
Tavia Maj	<i>OU27/200</i> 9 Date	Frinted Name in Native Language
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MS Docket No. 326148.01 (OC Docket No. MFCP.145762)

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PATENT REEL: 022463 FRAME: 0274

RECORDED: 03/27/2009