Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the date of execution for Matthew MacLaurin previously recorded on Reel 018650 Frame 0765. Assignor(s) hereby confirms the date of execution for Matthew MacLaurin.

CONVEYING PARTY DATA

Name	Execution Date
Debi P. Mishra	09/27/2006
Amit Mital	11/13/2006
Gary W. Flake	11/22/2006
Matthew B. MacLaurin	09/28/2006
Alexander G. Gounares	09/27/2006
Ira L. Snyder Jr.	12/07/2006
Henricus Johannes Maria Meijer	09/27/2006

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:	11536562

CORRESPONDENCE DATA

Fax Number: (216)696-8731

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

Phone: 216-696-8730

rstanford@thepatentattorneys.com Email:

Correspondent Name: Amin, Turocy & Calvin, LLP Address Line 1: 1900 East 9th Street, 24th Floor

Cleveland, OHIO 44114 Address Line 4:

PATENT

REEL: 019976 FRAME: 0634

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ATTORNEY DOCKET NUMBER:	MS317254.01/MSFTP1405US	
NAME OF SUBMITTER:	Himanshu S. Amin	
Total Attachments: 20		
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Electronic Version v1.1 Stylesheet Version v1.1 12/19/2006 500195782

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name Name	Execution Date
Debi P. Mishra	
Amit Mital	09/27/2006
	11/13/2006
Gary W. Flake	11/22/2006
Matthew B. MacLaurin	07/28/2006
Alexander G. Gounares	
Ira L. Snyder Jr.	09/27/2006
	12/07/2006
Henricus Johannes Maria Meijer	09/27/2006

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Name:	Microsoft Corporation	
Street Address:	One Microsoft Way	
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PROPERTY NUMBERS Total: 1

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Phone: 216-696-8730

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Correspondent Name: Amin, Turocy & Calvin, LLP

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

Address Line 4: Cleveland, OHIO 44114

ATTORNEY DOCKET NUMBER:

MS317254.01/MSFTP1405US

NAME OF SUBMITTER:	Himanshu S. Amin
Total Attachments: 12 source=MS317254-01-Complete-Signed-As	ssignment#page1.tif ssignment#page2.tif ssignment#page3.tif ssignment#page4.tif ssignment#page5.tif ssignment#page6.tif ssignment#page6.tif ssignment#page7.tlf ssignment#page8.tif
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Address Line 1:	1900 East 9th Street, 24th Floor
Address Line 4:	Cleveland, OHIO 44114

ATTORNEY DOCKET NUMBER:	MS317254.01/MSFTP1405US
NAME OF SUBMITTER:	Himanshu S. Amin
Signature:	/Himanshu S. Amin/
Date:	12/19/2006

Total Attachments: 12

source=MS317254-01-Complete-Signed-Assignment#page1.tif source=MS317254-01-Complete-Signed-Assignment#page2.tif source=MS317254-01-Complete-Signed-Assignment#page3.tif source=MS317254-01-Complete-Signed-Assignment#page4.tif source=MS317254-01-Complete-Signed-Assignment#page5.tif source=MS317254-01-Complete-Signed-Assignment#page6.tif source=MS317254-01-Complete-Signed-Assignment#page7.tif source=MS317254-01-Complete-Signed-Assignment#page8.tif source=MS317254-01-Complete-Signed-Assignment#page9.tif source=MS317254-01-Complete-Signed-Assignment#page10.tif source=MS317254-01-Complete-Signed-Assignment#page11.tif source=MS317254-01-Complete-Signed-Assignment#page12.tif

RECEIPT INFORMATION

EPAS ID: PAT203086
Receipt Date: 12/19/2006

Fee Amount: \$40

REEL: 019976 FRAME: 0638

MS Docket No. MS317254.01 (OC Docket No. MSFTP1405US)

PATENT ASSIGNMENT

WE, DEBI P. MISHRA, AMIT MITAL, GARY W. FLAKE, MATTHEW B. MACLAURIN, ALEXANDER G. GOUNARES, IRA L. SNYDER, AND HENRICUS JOHANNES MARIA MEIJER ("ASSIGNORS"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SERIALIZATION OF RUN-TIME STATE" ("APPLICATION"), which: will be filed without this executed PATENT ASSIGNMENT. ASSIGNORS hereby authorize, and request, ASSIGNEE'S legal representatives, of Amin, Turocy and 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. __) this APPLICATION'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). DATE DEBI P. MISHRA DATE AMIT MITAL DATE GARY W. FLAKE DATE MATTHEW B. MACLAURIN

MS Docket No. **MS317254.01** (OC Docket No. **MSFTP1405US**)

DATE	ALEXANDER G. GOUNARES
DATE	IRA L. SNYDER
DATE	HENRICUS JOHANNES MARIA MEIJER

WE, DEBI P. MISHRA, AMIT I	MITAL, GARY W. FLAKE, MATTHEW B.
	IRA L. SNYDER, AND HENRICUS JOHANNES
MARIA MEIJER ("ASSIGNORS"), have inven	ited subject matter ("INVENTION") disclosed
	ntitled "SERIALIZATION OF RUN-TIME STATE"
("APPLICATION"), which:	
	is executed PATENT ASSIGNMENT. ASSIGNORS
hereby authorize, and	request, ASSIGNEE'S legal representatives, of
	rin, LLP, 24th Floor, National City Center, 1900
	I, Ohio 44114, who are associated with
	95, to insert here in parenthesis (U.S. Serial No.
	this APPLICATION'S U.S. Serial Number
and filing date, when	
⋈ was filed on <u>9-28-20</u>	
	ll No. <u>11/536,562;</u>
is filed concurrently h	
 ·	Vashington Corporation, on behalf of itself and
	, is entitled to, and is desirous of acquiring, the
	erest in the INVENTION and the APPLICATION
(and all other applications and patents	
	es, its territories, and all foreign countries
("APPLICATION DERIVATIVES");	
	nsideration, the receipt of which is hereby
-	ASSIGNORS hereby sell, assign and transfer to
•	rights, title and interest in the INVENTION and
the APPLICATION (and APPLICATION DE	
·	ute all instruments and documents required for
	LICATION (and APPLICATION DERIVATIVES), for
·	ed therefrom, and for the purpose of protecting
and perfecting title to the APPLICATION	
and perfecting the to the AT Electron	(und All Electricity Delity (117 25).
DATE	DEBI P. MISHRA
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1113 04	
DATE	AMIT MITAL
	•
DATE	CADVIII ELAME
DATE	GARY W. FLAKE
DATE	MATTINELLE MAGILALIE
· · · · · ·	MATTHEW B. MACLAURIN

MS Docket No. MS317254.01 (OC Docket No. MSFTP1405US)

DATE	ALEXANDER G. GOUNARES
DATE	IRA L. SNYDER, JR.
DATE	HENRICUS JOHANNES MARIA MEIJER

WE, DEBI P. MISHRA, AMIT M	IITAL, GARY W. FLAKE, MATTHEW B.
MACLAURIN, ALEXANDER G. GOUNARES, I	RA L. SNYDER, AND HENRICUS JOHANNES
MARIA MEIJER ("ASSIGNORS"), have invented	ed subject matter ("INVENTION") disclosed
and/or claimed in a patent application en	titled "SERIALIZATION OF RUN-TIME STATE"
("APPLICATION"), which:	MICE SERIALIZATION OF KUN-TIME STATE"
	Lavania I Barrera and
hereby suchorize and a	executed PATENT ASSIGNMENT. ASSIGNORS
Amin Turana La La	equest, ASSIGNEE'S legal representatives, of
Armin, Turocy and Calvin	n, LLP, 24th Floor, National City Center, 1900
E. 9th Street, Cleveland, (Ohio 44114, who are associated with
customer number 2719!	5, to insert here in parenthesis (U.S. Serial No
, filed) this APPLICATION'S U.S. Serial Number
$\underline{\hspace{1cm}}$ and filing date, when kn	own;
\boxtimes was filed on <u>9-28-2006</u>	and was given
U.S. Serial N	ło. <u>11/536,562</u> ;
is filed concurrently here	ewith;
Microsoft Corporation, a Was	shington 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	est in the INVENTION and the APPLICATION
(and all other applications and patents der	rived therefrom such as continuing
applications, in and for the United States,	its territories, and all fersion as a f
("APPLICATION DERIVATIVES");	no territories, and an loreign countries
	doration also are the Color
acknowledged by the ASSICNOPS the Assi	deration, the receipt of which is hereby
acknowledged by the ASSIGNORS, the ASSI	GNORS nereby sell, assign and transfer to
the APPLICATION (and APPLICATION BEEN	hts, title and interest in the INVENTION and
the APPLICATION (and APPLICATION DERIV	'ATIVES);
the making and prosecution of the APPLIC	all instruments and documents required for ATION (and APPLICATION DERIVATIVES), for
nugation regarding letters patent derived t	therefrom, and for the nurnoce of protection
and perfecting title to the APPLICATION (ar	nd APPLICATION DERIVATIVES).
DATE	
DATE	DEBI P. MISHRA
DATE	
	AMIT MITAL
11.22-06	O(1)
DATE	Sary W. Slale
	GARY W! FLAKE
DATE	
····-	MATTHEW B. MACLAURIN

DATE	ALEXANDER G. GOUNARES
DATE	IRA L. SNYDER, JR.
DATE	HENRICUS JOHANNES MARIA MEIIER

WE, DEBI P. MISHRA, AMIT MIT	TAL, GARY W. FLAKE, MATTHEW B.
MACLAURIN, ALEXANDER G. GOUNARES, IR	A L. SNYDER, AND HENRICUS JOHANNES
MARIA MEIJER ("ASSIGNORS"), have invented	subject matter ("INVENTION") disclosed
and/or claimed in a patent application enti	tled "SERIALIZATION OF RUN-TIME STATE"
("APPLICATION"), which:	
will be filed without this	executed PATENT ASSIGNMENT. ASSIGNORS
hereby authorize, and red	quest, ASSIGNEE'S legal representatives, of
Amin. Turocy and Calvin	LLP, 24th Floor, National City Center, 1900
F 9th Street Cleveland O	hio 44114, who are associated with
Customer number 27105	to insert here in manually in (U.S. S. 1))
filed	to insert here in parenthesis (U.S. Serial No.
and filing date, when kno) this APPLICATION'S U.S. Serial Number
is filed concurrently here	nd was given U.S. Serial No;
its successors and assistant ("Assistants")	nington Corporation, on behalf of itself and
entire and evolution winds (ASSIGNEE"), is	entitled to, and is desirous of acquiring, the
entire and exclusive rights, title and interes	t in the INVENTION and the APPLICATION
(and all other applications and patents deri	ved therefrom, such as continuing
applications, in and for the United States, it	s territories, and all foreign countries
("APPLICATION DERIVATIVES");	
For good and valuable conside	eration, the receipt of which is hereby
acknowledged by the ASSIGNORS, the ASSIG	JNORS hereby sell, assign and transfer to
the ASSIGNEE, the entire and exclusive righ	ts, title and interest in the INVENTION and
the APPLICATION (and APPLICATION DERIVA	
ASSIGNORS agree to execute a	all instruments and documents required for
the making and prosecution of the APPLICA	TION (and APPLICATION DERIVATIVES), for
litigation regarding letters patent derived the	nerefrom, and for the purpose of protecting
and perfecting title to the APPLICATION (and	d APPLICATION DERIVATIVES).
	ŕ
DATE	DEBI P. MISHRA
DATE	AMIT MITAL
DATE	
onie .	GARY W. FLAKE
7/28/2006	Mak Million
DATE	Harry Constitution of the second
	/MATTHEW B. MACLAURIN

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HATENT

REEL: 019976 FRAME: 0645

9/27/06	MS Docket No. MS317254.01 (OC Docket No. MSFTP1405US)
DATE	ALEXANDER G. GOUNARES
DATE	IRA L. SNYDER
DATE	HENRICUS JOHANNES MARIA MEUER

PATENT ASSIGNI	
WE, DEBI P. MISHRA, AMIT MITAL, G	
MACLAURIN, ALEXANDER G. GOUNARES, IRA L. S	
MARIA MEUER ("ASSIGNORS"), have invented subj	
and/or claimed in a patent application entitled "S	SERIALIZATION OF RUN-TIME STATE"
("APPLICATION"), which:	·
will be filed without this execu-	ted PATENT ASSIGNMENT. ASSIGNORS
	ASSIGNEE'S legal representatives, of
	24th Floor, National City Center, 1900
E. 9th Street, Cleveland, Ohio 4	
	sert here in parenthesis (U.S. Serial No.
	APPLICATION'S U.S. Serial Number
and filing date, when known:	
oxtimes was filed on 9–28–2006 and w	as given
U.S. Serial No. 11/	_
is filed concurrently herewith;	
	on Corporation, on behalf of itself and
its successors and assigns ("ASSIGNEE"), is entitle	
entire and exclusive rights, title and interest in the	•
(and all other applications and patents derived th	
applications, in and for the United States, its terr	-
("APPLICATION DERIVATIVES");	,
For good and valuable consideration	n, the receipt of which is hereby
acknowledged by the ASSIGNORS, the ASSIGNOR	
the ASSIGNEE, the entire and exclusive rights, tit	_
the APPLICATION (and APPLICATION DERIVATIVE	
	struments and documents required for
the making and prosecution of the APPLICATION	-
litigation regarding letters patent derived therefor	
and perfecting title to the APPLICATION (and APP	CICATION DERIVATIVES).
_	
DATE	DEBI P. MISHRA
DATF A	MIT MITAL
DATE	ARY W. FLAKE
POIL (MINI W. FLAKE

MATTHEW B. MACLAURIN

DAIL

MS Docket No. MS317254.01 (UC Docket No. MSFTV1405US)

12/04/06	ALEXANDER G. GOUNARES	
DATE	IRA'L. SNYDER, JR.	
DATE	HENRICUS JOHANNES MARIA MEIJER	

Page 2 of 2

MS Docket No. MS317254.01 (OC Docket No. MSFTP1405US)

PATENT ASSIGNMENT

	WE, DEBI P. MISHRA, AMIT MITAL,	, GARY W. FLAKE, MATTHEW B.	
MACLAURIN,	ALEXANDER G. GOUNARES, IRA L	. SNYDER, AND HENRICUS JOHANNES	
MARIA MEIJEI	R ("ASSIGNORS"), have invented su	bject matter ("INVENTION") disclosed	
and/or claim	ed in a patent application entitled	"SERIALIZATION OF RUN-TIME STATE"	
("APPLICATIC			
	will be filed without this exe	cuted PATENT ASSIGNMENT. ASSIGNORS	
	hereby authorize, and reque	st, ASSIGNEE'S legal representatives, of	
	Amin, Turocy and Calvin, LLI	P, 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) t	his APPLICATION'S U.S. Serial Number	
	and filing date, when known	;	
	was filed on and	was given U.S. Serial No;	
	is filed concurrently herewit	h;	
	Microsoft Corporation, a Washin	gton Corporation, on behalf of itself and	
its successo	rs and assigns ("ASSIGNEE"), is ent	titled to, and is desirous of acquiring, the	
entire and e	xclusive rights, title and interest i	n the INVENTION and the APPLICATION	
(and all othe	er applications and patents derived	d therefrom, such as continuing	
applications	, in and for the United States, its t	erritories, and all foreign countries	
("APPLICATION	ON DERIVATIVES");		
	For good and valuable considera	ation, the receipt of which is hereby	
acknowledg	ed by the ASSIGNORS, the ASSIGN	ORS hereby sell, assign and transfer to	
the ASSIGNE	E, the entire and exclusive rights,	, title and interest in the INVENTION and	
the APPLICA	TION (and APPLICATION DERIVAT	IVES);	
	ASSIGNORS agree to execute all	instruments and documents required for	
the making	and prosecution of the APPLICATI	ON (and APPLICATION DERIVATIVES), for	
litigation re	garding letters patent derived the	refrom, and for the purpose of protecting	
and perfecti	ing title to the APPLICATION (and a	APPLICATION DERIVATIVES).	
D.4.77			
DATE		DEBI P. MISHRA	
DATE		AMIT MITAL	
		7 (6) (7) (2)	
DATE		GARY W. FLAKE	
DATE		MATTHEW B. MACLAURIN	

MS Docket No. **MS317254.01** (OC Docket No. **MSFTP1405US**)

DATE	ALEXANDER G. GOUNARES
DATE	IRA L. SNYDER
	Vuu
9/27/2006	The state of the s
DATE	HENRICUS JOHANNES MARIA MEIJER

Page 2 of 2