502436124 07/26/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jeffrey P. Snover	06/18/2013
Bruce G. Payette	06/30/2013
Kenneth M. Hansen	06/18/2013
Narayanan Lakshmanan	06/18/2013
Xiaoyong Zhou	06/18/2013

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:	13921108

CORRESPONDENCE DATA

Fax Number:

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

Phone: 425-707-9382

Email: stevensp@microsoft.com

Correspondent Name: Steven Spellman
Address Line 1: One Microsoft Way

Address Line 4: Redmond, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	339531.02
NAME OF SUBMITTER:	Michael J. Fogarty, III
Signature:	/Michael J. Fogarty, III/

502436124 REEL: 030887 FRAME: 0616

OP \$40.00 13921108

Date:	07/26/2013
Total Attachments: 10 source=339531-02_Assignment - Executed: source=339531-02_Assignm	#page2.tif #page3.tif #page4.tif #page5.tif #page5.tif #page6.tif #page6.tif #page7.tif #page8.tif

PATENT REEL: 030887 FRAME: 0617

			
l <u>Jeffr</u>	ey P. Snover ("AS	SIGNOR") am the original	inventor or an original joint
inventor of	subject matter ("INVENTION") disclosed	and/or claimed in a patent
application e	entitled " <u>Declarative</u>	e Configuration Elements"	("APPLICATION"), which:
\boxtimes	will be filed.	ASSIGNOR hereby auth	norizes, and requests,
	ASSIGNEE'S legal	representatives, of the La	w and Corporate Affairs
	Department, Micr	osoft Corporation, One M	icrosoft Way, Redmond,
	Washington 9805	2 (ASSIGNEE'S LEGAL REPR	RESENTATIVES), to insert
	here in parenth	eses (filed on <u>June 18,</u>	2013 and given
	Application No		by the following
		tes Patent & Trademark Office	
	Application No., f	iling date, and Office, whe	en known;
	C:I I		A 10 at
		and was given	
		by the following Office	e
		"· ·	
Micro	oft Corporation	a Washington Corporatio	n, on behalf of itself and its
	•	-	I is desirous of acquiring, the
	-		ENTION and the APPLICATION
			erefrom, such as continuing
	• •	•	ies, and all foreign countries
	ON DERIVATIVES"));		,
`	,,,		
ASSIG	NOR hereby	authorizes, and req	uests, ASSIGNEE'S LEGAL
REPRESENTA ⁻	TIVES to insert t	he Application No., filin	g date, and Office into the
following tab	le for any APPLICA	TION DERIVATIVES after the	ney are known;
Application N	١٥.	Filing Date	Office
and the second s			
			, i

PATENT ASSIGNMENT

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, ASSIGNOR's 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).

Inventor's Signature	6/18/13 Date
Jeffrey P. Snover	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: <u>339531.02</u>

I <u>Bruce G. Payette</u> ("ASS inventor of subject matter (application entitled <u>"Declarative</u>	"INVENTION") disclosed		
ASSIGNEE'S legal of Department, Micro Washington 9805 here in parenth Application No Office	ASSIGNOR hereby authorepresentatives, of the Lavosoft Corporation, One Mice (ASSIGNEE'S LEGAL REPRESES (filed on) ling date, and Office, whe	v and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert and given by the following) this APPLICATION's	
<u>13/921,108</u> by th	was filed on <u>June 18, 2013</u> and was given Application No <u>13/921,108</u> by the following Office " <u>United States Patent and Trademark Office</u> ";		
Microsoft Corporation, a successors and assigns ("ASSIC entire and exclusive rights, title (and all other applications a applications, in and for the U ("APPLICATION DERIVATIVES"));	GNEE"), is entitled to, and e and interest in the INV and patents derived the	ENTION and the APPLICATION refrom, such as continuing	
ASSIGNOR hereby REPRESENTATIVES to insert the following table for any APPLICA	ne Application No., filin	=	
Application No.	Filing Date	Office	
, ,	<u> </u>		

PATENT ASSIGNMENT

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, ASSIGNOR's 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).

Inventor's Signature	
Bruce G. Payette	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: <u>339531.02</u>

inventor of	subject matter		al inventor or an original joint and/or claimed in a patent ("APPLICATION"), which:
	ASSIGNEE'S legal Department, Micr Washington 9805 here in parenth Application No	ASSIGNOR hereby authorepresentatives, of the Lacosoft Corporation, One M2 (ASSIGNEE'S LEGAL REPreses (filed on June 18, o. 13/921,108 tes Patent & Trademark Office iling date, and Office, who	w and Corporate Affairs licrosoft Way, Redmond, RESENTATIVES), to insert 2013 and given by the following this APPLICATION's
		and was given by the following Offic ";	
successors a entire and e (and all oth applications,	and assigns ("ASSIO xclusive rights, tit ner applications	GNEE"), is entitled to, and le and interest in the INV and patents derived the	n, on behalf of itself and its dis desirous of acquiring, the ENTION and the APPLICATION erefrom, such as continuing ies, and all foreign countries
REPRESENTA	TIVES to insert t	authorizes, and req he Application No., filin TION DERIVATIVES after t	g date, and Office into the
Application N		Filing Date	Office

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, ASSIGNOR's 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).

Inventor's Signature

| Kenneth M. Hansen | Printed Name in English | Printed Name in Native Language (if other than English)

I <u>Narayanan Lakshmana</u> joint inventor of subject matt application entitled " <u>Declarative</u>	er ("INVENTION") disclose			
will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on June 18, 2013 and given Application No. 13/921,108 by the following Office United States Patent & Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;				
No	was filed on and was given Application No by the following Office "			
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"));				
-		uests, ASSIGNEE'S LEGAL		
REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;				
Application No.	Filing Date	Office		
Application No.	I filling Date	Office		

PATENT ASSIGNMENT

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, ASSIGNOR's 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).

L. Marayan ==	06/18/2013
Inventor's Signature	Date
Narayanan Lakshmanan	Da. BUTHORSIST
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: <u>339531.02</u>

I <u>Xiaoyong Zhou</u> ("ASSI inventor of subject matter (application entitled" <u>Declarative</u>	"INVENTION") disclosed	
ASSIGNEE'S legal of Department, Micro Washington 9805 here in parenth Application No Office United State	ASSIGNOR hereby authorepresentatives, of the Lavosoft Corporation, One Mice (ASSIGNEE'S LEGAL REPRESES (filed on June 18, 20). 13/921,108 per Patent & Trademark Office ling date, and Office, whe	w and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert and given by the following this APPLICATION's
No	and was given by the following Office ";	
Microsoft Corporation, a successors and assigns ("ASSIC entire and exclusive rights, title (and all other applications a applications, in and for the U ("APPLICATION DERIVATIVES"));	GNEE"), is entitled to, and le and interest in the INV and patents derived the	ENTION and the APPLICATION erefrom, such as continuing
ASSIGNOR hereby REPRESENTATIVES to insert the following table for any APPLICA	ne Application No., filin	-
Application No.	Filing Date	Office

MS Docket No.: <u>339531.02</u>

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, ASSIGNOR's 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).

xiaoyong zhou	6/18/2013	
Inventor's Signature	Date	
Xiaoyong Zhou		
Printed Name in English	Printed Name in Native Language	
	(if other than English)	

Page 2 of 2

PATENT REEL: 030887 FRAME: 0627

RECORDED: 07/26/2013