Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Brian R Glaeske	05/29/2013
Ray J. Ridl	05/29/2013
Anne Gerssen	04/06/2013
Michael M. Santos	05/24/2013
Christopher R. Garty	07/18/2013
Anastasia Paushkina	08/08/2013
Crystal Gilson	05/29/2013
Kevin M. Honeyman	07/24/2013
Prasant Sivadasan	07/31/2013
Julie B. Hagen	05/24/2012
Adrian L Orth	07/24/2013

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:	13913035

CORRESPONDENCE DATA

Fax Number: 4259367329

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

425-707-9382 Phone:

vffiling@microsoft.com Email:

Correspondent Name: Assal Meftahi

PATENT

REEL: 030993 FRAME: 0820

502455430

Address Line 1: One Microsoft Way Address Line 2: Patent Group Docketing Dept Address Line 4: Redmond, WASHINGTON 98052		
ATTORNEY DOCKET NUMBER:	338828.01	
NAME OF SUBMITTER:	Amandeep Kaur	
Signature:	/Amandeep Kaur/	
Date:	08/13/2013	
Total Attachments: 22 source=338828-01-Exec-Assignment#page	2.tif 3.tif 4.tif 5.tif 6.tif 7.tif 8.tif 9.tif 10.tif 11.tif 12.tif 13.tif 14.tif 15.tif 16.tif 17.tif 18.tif 19.tif 20.tif	

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PATENT REEL: 030993 FRAME: 0821

PATENT ASSIGNMENT MS Docket No.: 338828.01

inventor of	subject matter ("INVENTION") disclosed	inventor or an original joint and/or claimed in a patent AN ENTITY" ("APPLICATION"),
	ASSIGNEE'S legal Department, Micro Washington 9805 here in parenth Application No.	ASSIGNOR hereby authorepresentatives, of the Lavosoft Corporation, One MOS (ASSIGNEE'S LEGAL REPRESES (filed on 13/913035 by 11 tiling date, and Office, whe	w and Corporate Affairs icrosoft Way, Redmond, ESENTATIVES), to insert 2013 and given the following Office his APPLICATION's
		and was given by the following Office ";	Application No
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"));			
ASSIGNOR hereby authorizes, and requests, 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 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).

Ra Rallan	5/29/2013
Inventor's Signature	Date
<u>Brian R. Glaeske</u>	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: <u>338828.01</u>

I Ray J. Ridl ("ASSIGNOR") am the original inventor or an original joint inventor of

subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled

"DISPLAYING	DIFFERENT VIEWS	OF AN ENTITY" ("APF	PLICATION"), which:	
	ASSIGNEE'S legal Department, Mic Washington 9805 here in parenth Application No	representatives, of t rosoft Corporation, C 52 (ASSIGNEE'S LEGAL neses (filed on	by the following Off this APPLICATION	irs nd, ert en ice
	was filed on	and was	given Application No	
		by the following Off		
		12. _e		
(and all oth applications, ("APPLICATIC	ner applications in and for the N DERIVATIVES"));	and patents derive United States, its te	te INVENTION and the APP and therefrom, such as contritories, and all foreign requests, ASSIGNEE'S	ontinuing countries
		1 1	, filing date, and Office after they are known;	into the
Application N		Filing Date	Office	

Page 1 of 2

PATENT REEL: 030993 FRAME: 0824

MS Docket No.: 338828.01

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	5/29/13 Date
<u>Ray J. Ridl</u>	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: <u>338828.01</u>

PATENT ASSIGNMENT MS Docket No.: 338828.01

I <u>Anne Gerssen</u> ("ASSIGNOR") am the original inventor or an original join inventor of subject matter ("INVENTION") disclosed and/or claimed in a pater application entitled " <u>DISPLAYING DIFFERENT VIEWS OF AN ENTITY</u> " ("APPLICATION" which:
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 and given Application No by the following Office by this APPLICATION's Application No., filing date, and Office, when known;
was filed on and was given Application No by the following Office "";
Microsoft Corporation, a Washington Corporation, on behalf of itself and it 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 APPLICATIO (and all other applications and patents derived therefrom, such as continuin applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));
ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAR 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

MS Docket No.: 338828.01

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).

42)	04/06/2013
Inventor 🗺 finature	Date
Anne Gerssen Printed Name in English	Printed Name in Native Language (if other than English)

PATENT A	ASSIGNMENT	MS Docket No.: 338828.01
I <u>Michaelvincent M. Santa</u> joint inventor of subject matte application entitled " <u>DISPLAYIN</u> which:	r ("INVENTION") disclosed	
ASSIGNEE'S legal of Department, Micro Washington 9805: here in parenthe Application No. Application No., filed on	ASSIGNOR hereby authorepresentatives, of the Lavosoft Corporation, One Mice (ASSIGNEE'S LEGAL REPRESES (filed on 13/913035 by the ling date, and Office, whe by the following Office ";	v and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert and given the following Office his APPLICATION's h known;
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 INVision patents derived the Inited States, its territorical authorizes, and require Application No., filing	ENTION and the APPLICATION refrom, such as continuing es, and all foreign countries uests, ASSIGNEE'S LEGAL
Application No.	Filing Date	Office
		:

MS Docket No.: 338828.01

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

Date

Michael M. Sounto Michaelvincent M. Santos

Printed Name in English

Printed Name in Native Language

(if other than English)

PATENT ASSIGNMENT MS Docket No.: 338828.01

I <u>Christopher R. Garty</u> ("A inventor of subject matter ('application entitled " <u>DISPLAYIN</u> which:	"INVENTION") disclosed	•
ASSIGNEE'S legal r Department, Micro Washington 98052 here in parenthe Application No States Patent a	ASSIGNOR hereby auth representatives, of the Lavosoft Corporation, One Mize (ASSIGNEE'S LEGAL REPReses (filed on by the following date, and Office, where	w and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert and given wing Office US – United this APPLICATION's
	<mark>7, 2013</mark> and was given Ap _l s following Office " <u>US – Un</u> ;	
successors and assigns ("ASSIC entire and exclusive rights, titl (and all other applications a applications, in and for the U ("APPLICATION DERIVATIVES"));	GNEE"), is entitled to, and e and interest in the INVI and patents derived the Inited States, its territori	ENTION and the APPLICATION erefrom, such as continuing
REPRESENTATIVES to insert the following table for any APPLICATION	ne Application No., filing	g date, and Office into the
Application No.	Filing Date	Office

MS Docket No.: <u>338828.01</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).

Christopher R. Go Inventor's Signature	Date 7/18/2013
Christopher R. Garty	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT MS Docket No.: 338828.01

I <u>Anastasia Paushkina</u> ("ASSIGNOR") am the original inventor or an original join inventor of subject matter ("INVENTION") disclosed and/or claimed in a paten application entitled " <u>DISPLAYING DIFFERENT VIEWS OF AN ENTITY</u> " ("APPLICATION") which:
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 and given Application No by the following Office US - United States Patent and Trademark Office) this APPLICATION'S Application No., filing date, and Office, when known;
was filed on <u>June 7, 2013</u> and was given Application No <u>13/913035</u> by the following Office " <u>US – United States Patent and Trademark Office</u> ";
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"));
ASSIGNOR hereby authorizes, and requests, 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

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

Anastasia Paushkina

Printed Name in English

Date

AHACT 9/C h AHAC

MS Docket No.: <u>338828.01</u>

inventor of	subject matter (·	inventor or an original joint and/or claimed in a patent ICATION"), which:
	ASSIGNEE'S legal Department, Micr Washington 9805 here in parenth Application No.	ASSIGNOR hereby authorepresentatives, of the Larosoft Corporation, One M 2 (ASSIGNEE'S LEGAL REPRESES (filed on 13/913035 by tiling date, and Office, where	w and Corporate Affairs icrosoft Way, Redmond, RESENTATIVES), to insert 13 and given the following Office his APPLICATION's
	was filed on	and was given	Application No
	- did distribution de la companie de la colonia de la colo	by the following Office	
	<i>i</i>		
successors a entire and e (and all oth applications,	nd 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 is desirous of acquiring, the ENTION and the APPLICATION erefrom, such as continuing les, and all foreign countries
REPRESENTA	TIVES to insert t	authorizes, and requ he Application No., filin TION DERIVATIVES after th	g date, and Office into the
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Page 1 of 2

PATENT REEL: 030993 FRAME: 0834

MS Docket No.: 338829.01

MS Docket No.: <u>338829.01</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).

Inventor's Signature	5-29-2013 Date
Crystal Gilson	· · · · · · · · · · · · · · · · · · ·
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: <u>338828.0</u>	<u>)1</u>
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I <u>Kevin M. Honeyman</u> ("A inventor of subject matter (application entitled " <u>DISPLAYIN</u> which:	"INVENTION") disclosed	·
ASSIGNEE'S legal Department, Micro Washington 9805 here in parenth Application No States Patent a Application No., fi	ASSIGNOR hereby authorepresentatives, of the Law osoft Corporation, One M 2 (ASSIGNEE'S LEGAL REPRESES (filed on by the following date, and Office, where the following Office "US – Unit,"	w and Corporate Affairs icrosoft Way, Redmond, RESENTATIVES), to insert and given wing Office US - United this APPLICATION's in known;
Microsoft Corporation, successors and assigns ("ASSIC entire and exclusive rights, titl (and all other applications 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	• •	g date, and Office into the
Application No.	Filing Date	Office
Application No.	i ining bacc	Office
1		

Page 1 of 2

PATENT REEL: 030993 FRAME: 0836

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

Date

Kevin M. Honeyman

Printed Name in English

Printed Name in Native Language

MS Docket No.: 338828.01

(if other than English)

	PATENT.	ASSIGNMENT	MS Docket No.: <u>338828.01</u>
inventor of	subject matter ("INVENTION") disclosed	inventor or an original joint and/or claimed in a patent <u>AN ENTITY</u> " ("APPLICATION"),
	ASSIGNEE'S legal Department, Micr Washington 9805 here in parenth Application No. States Patent	ASSIGNOR hereby auth representatives, of the Laves osoft Corporation, One Mice 2 (ASSIGNEE'S LEGAL REPRESES (filed onby the following date, and Office, whe	v and Corporate Affairs icrosoft Way, Redmond, ESENTATIVES), to insert and given wing Office <u>US – United</u> this APPLICATION's
		<u>7, 2013</u> and was given Ap e following Office " <u>US – Un</u> ';	
successors a entire and e (and all oth applications,	ind assigns ("ASSIO xclusive rights, tit ner applications	SNEE"), is entitled to, and le and interest in the INV and patents derived the	n, on behalf of itself and its is desirous of acquiring, the ENTION and the APPLICATION prefrom, such as continuing es, and all foreign countries
REPRESENTA	TIVES to insert t	,	uests, ASSIGNEE'S LEGAL g date, and Office into the ney are known;
			Office

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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).

/gwCalinh	7/31/2013
Inventor's Signature	Date
Prasant Sivadasan	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 338828.01

	PAIRNI	499IONMEN I	WIS DOCKET NO.: <u>338828.01</u>
inventor of	subject matter ("INVENTION") disclosed	inventor or an original join and/or claimed in a paten <u>AN ENTITY</u> " ("APPLICATION")
	ASSIGNEE'S legal Department, Micr Washington 9805 here in parenth Application No.	ASSIGNOR hereby authorepresentatives, of the Lavosoft Corporation, One Mice (ASSIGNEE'S LEGAL REPRESES (filed on 13/913035 by 11 by	w and Corporate Affairs icrosoft Way, Redmond, ESENTATIVES), to insert and given the following Office his APPLICATION's
	-	and was given by the following Office	Application No
successors a entire and e (and all oth applications,	ind assigns ("ASSIG 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 it is desirous of acquiring, the ENTION and the APPLICATION erefrom, such as continuing es, and all foreign countries.
REPRESENTA	TIVES to insert t	,	uests, ASSIGNEE'S LEGA g date, and Office into the
Application N		Filing Date	Office Office
			<u> </u>

MS Docket No.: <u>338828.01</u>

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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

Date

Julie B. Hagen

Printed Name in English

Printed Name in Native Language

(if other than English)

PA	TENT ASSIGNMENT	MS Docket No.: <u>338828.01</u>
inventor of subject ma	atter ("INVENTION") disclo	ginal inventor or an original joint osed and/or claimed in a patent <u>S OF AN ENTITY</u> " ("APPLICATION"),
Departmen Washingtor here in p Application <u>States Par</u> Application	legal representatives, of the transfer of tran	e following Office <u>US – United</u> Office) this APPLICATION's e, when known;
	· · ·	en Application No S – United States Patent and
successors and assigns entire and exclusive rigl (and all other applicat	("ASSIGNEE"), is entitled to its, title and interest in the ions and patents derived the United States, its te	oration, on behalf of itself and its o, and is desirous of acquiring, the e INVENTION and the APPLICATION d therefrom, such as continuing rritories, and all foreign countries
	•	filing date, and Office into the
Application No.	Filing Date	Office

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aiab	7/24/2013
Inventor's Signature	Date
Adrian L. Orth	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 338828.01

RECORDED: 08/13/2013