502137122 11/21/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Andrew Brauninger	11/07/2012
Jan-Kristian Markiewicz	11/02/2012
Amish Patel	10/29/2012
David Earl Washington	10/26/2012
Jeffrey Weir	10/31/2012
Jennifer L. Anderson	10/30/2012
Stuart J. Stuple	10/31/2012
Matthew J. Kotler	10/28/2012
Jennifer Wolfe	10/29/2012
Gerrit E. Hofmeester	10/31/2012
Ryan Demopoulos	11/02/2012

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:	13683244

CORRESPONDENCE DATA

Fax Number: 4259367329

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

Phone: 425-707-9382

Email: vffiling@microsoft.com

Correspondent Name: Assal Meftahi

PATENT

REEL: 029336 FRAME: 0897

F \$40.00 13683244

502137122

Address Line 1: One Microsoft Way

Address Line 2: Patent Group Docketing Dept.

Address Line 4: Redmond, WASHINGTON 98052

ATTORNEY DOCKET NUMBER: 333297.04

NAME OF SUBMITTER: Peter J. Gordon

Total Attachments: 22

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> PATENT REEL: 029336 FRAME: 0898

inventor of subject matter	("INVENTION") disclosed	al inventor or an original joint and/or claimed in a patent AND CURSOR PLACEMENT"
ASSIGNEE'S legal Department, Mic Washington 980! here in parenthe Application No.	ASSIGNOR hereby auth representatives, of the Law rosoft Corporation, One Miss (ASSIGNEE'S LEGAL REPRESES (filed on	w and Corporate Affairs icrosoft Way, Redmond, ESENTATIVES), to insert and given by the following Office
	and was given	
successors and assigns ("ASSI entire and exclusive rights, ti (and all other applications	GNEE"), is entitled to, and tle and interest in the INV and patents derived the United States, its territori	n, on behalf of itself and its is desirous of acquiring, the ENTION and the APPLICATION erefrom, such as continuing es, and all foreign countries
REPRESENTATIVES to insert	, ,	g date, and Office into the
following table for any APPLICA		
Application No.	Filing Date	Office

MS Docket No.: <u>333297.04</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):

Q/1	11/7/2012
Inventor's Signature	Date
Andrew Brauninger	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I, Jan-Kristian Markiewicz ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "EXPLICIT TOUCH SELECTION AND CURSOR PLACEMENT" ("APPLICATION"), which:

MS Docket No.: 333297.04

X	will	be	filed.	ASSIGNOR	hereby	authorizes,	and	requests,
	ASSI	GNE	E'S legal	representati	ves, of tl	ne Law and C	orpor	ate Affairs
	Dep	artm	ent, Mic	rosoft Corpo	ration, O	ne Microsoft	Way,	Redmond,
	Was	hing	ton 980	52 (ASSIGNEE	's legal	REPRESENTA	TIVES), to insert
	here	in	parenthe	ses (filed on				and given
	App	licati	ion No.			by the t	follow	ing Office
) thi	s AP	PLICATION	DN's Applicat	ion No.,	filing date, a	nd Of	fice, when
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	was	filed	l on		and was g	given Applicat	tion N	0
	by th	ne fo	llowing	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"));

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);

MS Docket No.: <u>333297.04</u>

hyentor's Signature	11/2/2012 Date
Jan-Kristian Markiewicz	
Printed Name in English	Printed Name in Native Language (if other than English)

of subject matter ("INVEN	ITION") disclosed and/o	inventor or an original joint inventor or claimed in a patent application SOR PLACEMENT" ("APPLICATION"),	
ASSIGNEE'S le Department, Washington 9 here in paren Application N	gal representatives, of t Microsoft Corporation, C 8052 (ASSIGNEE'S LEGAL theses (filed on lo	authorizes, and requests, he Law and Corporate Affairs One Microsoft Way, Redmond, REPRESENTATIVES), to insert and given by the following Office filing date, and Office, when	
	and was ong 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"));			
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);

MS Docket No.: <u>333297.04</u>

Aufattal Inventor's Signature	10/29/12 Date
Amish Patel	······
Printed Name in English	Printed Name in Native Language
	(if other than English)

I, David Earl Washingto joint inventor of subject matt application entitled "EXPLICI ("APPLICATION"), which:	er ("INVENTION") disclose	•
ASSIGNEE'S legal Department, Micr	ASSIGNOR hereby authorepresentatives, of the Larosoft Corporation, One M	w and Corporate Affairs icrosoft Way, Redmond,
-	2 (ASSIGNEE'S LEGAL REPR	
	ses (filed on	
	N's Application No., filing	
was filed on	and was given	Application No
successors and assigns ("ASSI entire and exclusive rights, tit (and all other applications applications, in and for the ("APPLICATION DERIVATIVES"));	GNEE"), is entitled to, and le and interest in the INV and patents derived the United States, its territor	ENTION and the APPLICATION erefrom, such as continuing
ASSIGNOR hereby	authorizes. and req	uests, ASSIGNEE'S LEGAI
REPRESENTATIVES to insert t	•	
following table for any APPLICA	, ,	•
Application No.	Filing Date	Office
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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):

D/	10/26/2012
Inventor's Signature	Date
David Earl Washington	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I, <u>Jeffrey J. Weir</u> ("ASSI inventor of subject matter (application entitled "EXPLICI ("APPLICATION"), which:	"INVENTION") disclosed	·
ASSIGNEE'S legal Department, Micr Washington 9805 here in parenth Application No	ASSIGNOR hereby auth representatives, of the Law osoft Corporation, One Mig (ASSIGNEE'S LEGAL REPRESES (filed on	w and Corporate Affairs icrosoft Way, Redmond, ESENTATIVES), to insert and given by the following) this APPLICATION's
No	and was given by the following Office ";	
Microsoft Corporation, successors and assigns ("ASSIG entire and exclusive rights, tit (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 t following table for any APPLICA	he Application No., filin	
Application No.	Filing Date	Office

MS Docket No.: 333297.04

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);

12/100-	10/31/2012
Inventor's Signature	Date
Jeffrey J. Weir	<u></u>
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT	ASSIGNMENT	MS Docket No.:	333297.04

I, Jennifer L. Anderson ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "EXPLIGIT TOUCH SELECTION AND CURSOR PLACEMENT ("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) 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 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).

MS Docket No.: 333297.04

Inventor's Signature Jennifer L. Anderson	10 30 / 12- Date
Printed Name in English	Printed Name in Native Language (if other than English)

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	P	ATENT	ASSIGNME	INT	MS Doc	ket No.: 3	33297.04
inventor of	subject entitled '	matter EXPLIC	("INVENTION	n the origina ") disclosed SELECTION	and/or o	laimed in	a patent
	ASSIGNEI Departm Washingt here in p Application	E'S egal ent Micr con 9805 parenthe: on No.	representati osoft Corpo 2 (ASSIGNEE ses (filed on	hereby authores, of the La ration, One M'S LEGAL REPF	w and Colicrosoft W RESENTATI by the fo	rporate Aff /ay, Redmo IVES), to in and gi Ilowing Of	airs ond, sert iven fice
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REPRESENTAT	IVES to e for any	insert ti APPLICA	ne Applicati	and requent on No., filing	g date, a	ind Office	
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MS Docket No.: 333297.04

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);

5t. + 1 St. L	10-31-12
Inventor's Signature	Date
Stuart J. Stuple	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I, Matthew J. Kotler ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "EXPLICIT TOUCH SELECTION AND CURSOR PLACEMENT" ("APPLICATION"), which: oxtimes 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) 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 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., filling date, and Office into the following table for any APPLICATION DERIVATIVES after they are known; Application No. Filing Date Office

Page 1 of 2

MS Docket No.: 333297.04

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);

MS Docket No.: 333297.04

Markon J. Olasia	10/24/2012
Inventor's Signature	Date
Matthew J. Kotler	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I, Jennifer Wolfe ("ASSIGN inventor of subject matter (application entitled "EXPLICI" ("APPLICATION"), which:	"INVENTION") disclosed	· ·
ASSIGNEE'S legal : Department, Micr Washington 9805 here in parenth Application No.	ASSIGNOR hereby auth representatives, of the Lav osoft Corporation, One Mi 2 (ASSIGNEE'S LEGAL REPR eses (filed on by t	v and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert and given the following Office
Application No., fi	lling date, and Office, whe	n known;
***************************************	and was given by the following Office ";	Application No
Microsoft Corporation, successors and assigns ("ASSIG 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
REPRESENTATIVES to insert ti	he Application No., filin	
following table for any APPLICA		
Application No.	Filing Date	Office

`PATENT AS	SSIGNMENT	MS Doc	ket No.: 3332	97,04
For good and valuable acknowledged by the ASSIGNOR, the ASSIGNEE, ASSIGNOR's enti-	the ASSICNOR her	eby sells, ass rights, title	igns and trans and interest	ifers :
INVENTION and the APPLICATION				Sour ex
	ute all instruments APPLICATION (and derived therefrom	and documed applications and for the part of the part	ents required IN DEBIVATIVE purpose of pro	ES), f
INVENTION and the APPLICATION ASSIGNOR agrees to execution of the litigation regarding letters patent	ute all instruments APPLICATION (and derived therefrom ATION (and APPLIC)	and documed applications and for the part of the part	ents required IN DEBIVATIVE purpose of pro	ES), {
INVENTION and the APPLICATION ASSIGNOR agrees to execution of the litigation regarding letters patent	ute all instruments APPLICATION (and derived therefrom ATION (and APPLIC)	and documed APPLICATIC and for the I	ents required IN DEBIVATIVE purpose of pro	ES), {
INVENTION and the APPLICATION ASSIGNOR agrees to execution of the litigation regarding letters patent	ute all instruments APPLICATION (and derived therefrom ATION (and APPLIC)	and documed APPLICATIC and for the I	ents required IN DERIVATIVE purpose of pro (TIVES).	ES), {

I, Gerrit H. Hofmeester ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "EXPLICIT TOUCH SELECTION AND CURSOR PLACEMENT" ("APPLICATION"), which:					
	ASSIGNEE'S legal Department, Micr Washington 9805 here in parenth Application No.	ASSIGNOR hereby auth representatives, of the Lav osoft Corporation, One Mi 2 (ASSIGNEE'S LEGAL REPR eses (filed on	v and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert and given the following Office nis APPLICATION's		
	was filed on	and was given	Application No		
		by the following Office			
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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")):					
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Application N		Filing Date	Office		
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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).

| 10/31/12 | Date | Dat

I, Ryan Demopoulos ("As inventor of subject matter (application entitled "EXPLICI" ("APPLICATION"), which:	"INVENTION") disclosed	•				
ASSIGNEE'S legal : Department, Micr Washington 9805 here in parenthes Application No	ASSIGNOR hereby auth representatives, of the Lav osoft Corporation, One Mi 2 (ASSIGNEE'S LEGAL REPR es (filed on N's Application No., filing	v and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert and given by the following Office				
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by the following C	Office "	35 ₄				
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"));						
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4. A.	11/2/2012	
Inventor/s Signatyre	Date	
Ryan Demopoulos		
Printed Name in English	Printed Name in Native Language (if other than English)	