503500315 09/29/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3546940

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARTIN JANSKY	09/28/2015
APAAR TULI	09/23/2015
TIMO-PEKKA VILJAMAA	09/23/2015
ERKKO ANTTILA	09/23/2015

RECEIVING PARTY DATA

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC		
Street Address:	ONE MICROSOFT WAY		
City:	REDMOND		
State/Country:	WASHINGTON		
Postal Code:	98052		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14868672

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 425-707-9382

Email: mkey@zetelaw.com

Correspondent Name: MICROSOFT TECHNOLOGY LICENSING, LLC

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	358021.01
NAME OF SUBMITTER:	MACLANE C. KEY
SIGNATURE:	/MacLane C. Key/
DATE SIGNED:	09/29/2015

Total Attachments: 8

source=358021_01_Assignment_Anttila#page1.tif source=358021_01_Assignment_Anttila#page2.tif source=358021_01_Assignment_Jansky#page1.tif

PATENT 503500315 REEL: 036678 FRAME: 0963

source=358021_01_Assignment_Jansky#page2.tif source=358021_01_Assignment_Tuli#page1.tif source=358021_01_Assignment_Tuli#page2.tif source=358021_01_Assignment_Viljamaa#page1.tif source=358021_01_Assignment_Viljamaa#page2.tif

> PATENT REEL: 036678 FRAME: 0964

PATENT ASSIGNMENT

I <u>Erkko Anttila</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SELECTING AT LEAST ONE GRAPHICAL USER INTERFACE ITEM" ("APPLICATION"), which: 🗵 will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on September 29, 2015 and given Application 14/868,672 No. bv the following USPTO 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 Technology Licensing, LLC, a Washington limited liability company, 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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, 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:

Page 1 of 2

MS Docket No.: 358021.01

PATENT AS:	SIGNMENT	.N	IS Docket No.:	358021.01

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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")):

	23,09.2015
Inventor's Signature	Date
Erkko Anttila	Erkko Anttila
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT MS Docker No.: 358021.01

I Martin Jansky ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SELECTING AT LEAST ONE GRAPHICAL USER INTERFACE ITEM" ("APPLICATION"), which: W will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on September 29, 2015 and given Application No. 14/868,672 by the Application No., filing date, and Office, when known; was filed on ______ and was given Application No ______ by the following Office Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")); requests, ASSIGNEE'S hereby authorizes. and LEGAL ASSIGNOR REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Page 1 of 2

Filing Date

Application No.

PATENT REEL: 036678 FRAME: 0967

Office

PATENT	ASSIGNMENT	MS Docket No.:	358021.01

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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

28 9.2015
Date
Martin Jansky
Printed Name in Native Language (if other than English)

MS Docket No.: 358021.01

I <u>Apaar Tuli</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SELECTING AT LEAST ONE GRAPHICAL USER INTERFACE ITEM" ("APPLICATION"), which:

X	will be file	ed. ASSIG	NOR he	reby auth	orizes,	and r	equest	s,
	ASSIGNEE'S	legal repres	entative,	Microsoft	Techno	logy Li	censing	g,
	LLC., One	Microsoft	Way,	Redmond,	Wash	ington	9805	2
	(ASSIGNEE'S	LEGAL R	EPRESEN	TATIVES),	to in	sert ł	iere i	n
	parentheses	(filed on _	Septembe	er 29, 2015	and giv	zen Apı	plicatio	n
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Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, 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
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Page 1 of 2

PATENT REEL: 036678 FRAME: 0969

PATENT	ASSIGNMENT	MS Docket No.:	358021.01

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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

777	
	23 SEP 2015
Ingentor's Signature	Date
Apaar Tuli	Apaar Tuli
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

I <u>Timo-Pekka Viliamaa</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SELECTING AT LEAST ONE GRAPHICAL USER INTERFACE ITEM" ("APPLICATION"), which:

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	(ASSI	GNE	EE'S	LEC	AL	REPRE	SEN	ITATI	VES),	to	inser	t he	re	in
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Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

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Application No.	Filing Date	Office

Page 1 of 2

PATENT REEL: 036678 FRAME: 0971

MS Docket No.: 358021.01

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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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

2-8 M	23.9.2015
Inventor's Signature	Date
Timo-Pekka Viljamaa	Timo-Pekka Viljamaa
Printed Name in English	Printed Name in Native Language
	(if other than English)