### 503284080 04/28/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

lesheet Version v1.2

EPAS ID: PAT3330698

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
DAVID I. ROSEN	04/16/2015
JOSHUA C. GRANT	04/16/2015
EUGENE LEE	04/27/2015
DAVID O. WHITT III	04/28/2015
HUA WANG	04/26/2015
FILIPP DEMENSCHONOK	04/16/2015
RAHUL MARWAH	04/22/2015

### **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:	14698703

### **CORRESPONDENCE DATA**

**Fax Number:** (414)277-8500

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:** 414-277-8500

**Email:** patent\_docket@gshllp.com

Correspondent Name: GONZALEZ SAGGIO & HARLAN LLP

Address Line 1: 111 E. WISCONSIN AVENUE

Address Line 2: SUITE 1000

Address Line 4: MILWAUKEE, WISCONSIN 53202

ATTORNEY DOCKET NUMBER:	356561.01
NAME OF SUBMITTER:	HOLLI L. TEMPLETON
SIGNATURE:	/Holli L. Templeton/
DATE SIGNED:	04/28/2015

503284080 PATENT REEL: 035520 FRAME: 0152

# Total Attachments: 14 source=356561-01-Assignment#page1.tif source=356561-01-Assignment#page2.tif source=356561-01-Assignment#page3.tif source=356561-01-Assignment#page4.tif source=356561-01-Assignment#page5.tif source=356561-01-Assignment#page6.tif source=356561-01-Assignment#page7.tif source=356561-01-Assignment#page8.tif source=356561-01-Assignment#page9.tif source=356561-01-Assignment#page10.tif source=356561-01-Assignment#page11.tif source=356561-01-Assignment#page12.tif source=356561-01-Assignment#page13.tif source=356561-01-Assignment#page13.tif

PATENT REEL: 035520 FRAME: 0153

I <u>David I. Rosen</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>DUAL PIVOT MECHANICAL HINGE WITH DISCREET WIRING</u>" ("APPLICATION"), which:

MS Docket No.: 356561.01

$\times$	will	be	filed.	ASSIGNOR	hereby	authoriz	es, and	req	uests,
	ASSI	GNEE	E'S lega	l representa	tive, Mici	rosoft Ted	hnology	Licer	nsing,
	LLC.,	, One	e Micros	oft Way, Red	mond, W	ashington	98052 (A	\SSIG	NEE'S
	LEGA	AL R	EPRESE	NTATIVES), 1	o insert	here in	parenthe	eses	(filed
	on and given Application No by					by			
	the following Office <u>US - United States Patent and Trademark Office</u> )								
	this APPLICATION's Application No., filing date, and Office, when				when				
	known;								
	was	filed	on		and was	given App	lication		
	No _			by the 1	following	Office			
	"				55 ,				

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

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"));

MS Docket No.: 356561.01

<u> </u>	4/16/15
inventor's Signature	Date
David I. Rosen	
Printed Name in English	Printed Name in Native Language
	(if other than English)

## PATENT ASSIGNMENT: WWW MS Docket No.: 356561,01

ASSIGNEE'S legal representative, Microsoft Technology Licensin	g
LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE	
LEGAL REPRESENTATIVES), to insert here in parentheses (file on and given Application No to	
the following Office US - United States Patent and Trademark Offic	£
this APPLICATION's Application No., filing date, and Office, whe	21
known;	
was filed on and was given Application	
Noby 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.	•	Office	

Page 1 of 2

MS Docket No.: <u>356561.01</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, 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"));

	Jas/4	4/16/2015
ersterne.	Inventor's Signature	Date
	Joshua C. Grant	
	Printed Name in English	Printed Name in Native Language
		(if other than English)

I <u>Eugene Lee</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DUAL PIVOT MECHANICAL HINGE WITH DISCREET WIRING" ("APPLICATION"), which:

MS Docket No.: 356561.01

$\times$	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 and given Application No by					
	the following Office <u>US - United States Patent and Trademark Office</u> )					
	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

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"));

MS Docket No.: <u>356561.01</u>

	4/27/15
Inventor's Signature	Date
Eugene Lee	
Printed Name in English	Printed Name in Native Language
	(if other than English)

# PATENT ASSIGNMENT MS Docket No.: 356561.01

I <u>David O. Whitt III</u> ("AS inventor of subject matter ( application entitled " <u>DUAL P</u> ("APPLICATION"), which:	"INVENTION") disclosed	•
ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEC parentheses (filed No	ASSIGNOR hereby auth representative, Microsoft rosoft Way, Redmond, SAL REPRESENTATIVES), don by the following Offimark Office) this APPLICATICE, when known;	Technology Licensing, Washington 98052 to insert here in and given Application ce <u>US – United States</u>
	and was given by the following Office	Application No
Microsoft Technology Licebehalf of itself and its successes desirous of acquiring, the entireight of priority, in the INVENTIPE patents derived therefrom, successes the United States, its to DERIVATIVES"));	ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION ( h as continuing applicatio	tle and interest, including the (and all other applications and ns, in whole or in part, in and
ASSIGNOR hereby REPRESENTATIVES to insert tl following table for any APPLICA	ne Application No., filing	-
Application No.	Filing Date	Office

Page 1 of 2

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"));

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).

David O. Whitt III
Printed Name in English

Printed Name in English

Printed Name in Native Language
(if other than English)

I <u>Hua Wang</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>DUAL PIVOT MECHANICAL HINGE WITH DISCREET WIRING</u>" ("APPLICATION"), which:

MS Docket No.: 356561.01

$\boxtimes$	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 and given Application
	No by the following Office <u>US - United States</u>
	Patent and Trademark 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	

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")):

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

Hua Wang

Printed Name in English

4.26.20/5

MS Docket No.: 356561.01

Date

Printed Name in Native Language (if other than English)

Page 2 of 2

I <u>Filipp Demenschonok</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>DUAL PIVOT MECHANICAL HINGE WITH DISCREET WIRING</u>" ("APPLICATION"), which:

MS Docket No.: 356561.01

$\boxtimes$	will	be	filed.	ASSIGNOR	hereby	auth	orizes,	and	req	uests,
	ASSI	GNE	E'S legal	representa	tive, Mic	rosoft	Techno	ology	Lice	nsing,
	LLC.	, One	e Micros	oft Way, Red	lmond, W	ashing	ton 98	052 (4	ASSIC	NEE'S
	LEGA	AL R	EPRESEN	ITATIVES),	to insert	here	in pa	renthe	eses	(filed
	on _			and gi	ven Appl	ication	No			by
	the f	ollov	ving Offi	ce <u>US – Unit</u>	ed States	Patent	t and Ti	radem	ark (	Office)
	this	APPI	LICATION	d's Applicat	ion No.,	filing	date, a	nd Of	fice,	when
	knov	vn;								
	was	filed	on		and was	given /	Applica	tion		
	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	
annon de la companya			
			****************

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"));

MS Docket No.: <u>356561.01</u>

	4/16/2015
Inventor's Signature	Date
Filipp Demenschonok	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Rahul Marwah</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>DUAL PIVOT MECHANICAL HINGE WITH DISCREET WIRING</u>" ("APPLICATION"), which:

MS Docket No.: <u>356561.01</u>

will b	e	filed.	ASSIGNOR	hereby	autho	rizes,	and	req	uests,
ASSIGN	NEE.	'S legal	representat	ive, Mici	osoft T	Techno	logy	Lice	nsing,
LLC., C	)ne	Microso	oft Way, Red	mond, Wa	ashingt	on 98(	)52 (A	SSIG	NEE'S
LEGAL	RE	EPRESEN	TATIVES), t	o insert	here	in par	enthe	ses	(filed
on			and giv	en Appli	cation l	No			by
the fol	low	ing Offic	ce <u>US – Unite</u>	ed States	Patent :	and Tr	<u>adem</u>	ark (	Office)
this Al	PPL	ICATION	l's Applicati	on No., 1	filing d	ate, ar	nd Off	fice,	when
known	ì;								
was fil	ed (	on		and was q	given A	pplicat	ion		
No	~~~~~		by the f	ollowing	Office				
"		***************************************		55 <sub></sub>					
	ASSIGI LLC., C LEGAL on the fol this A knowr was fil No	ASSIGNEE LLC., One LEGAL RI on the follow this APPL known; was filed No	ASSIGNEE'S legal LLC., One Microso LEGAL REPRESEN on the following Offic this APPLICATION known; was filed on No	ASSIGNEE'S legal representate LLC., One Microsoft Way, Reduction LEGAL REPRESENTATIVES), to many and give the following Office US - Unite this APPLICATION's Application known;  was filed on by the following of the follow	ASSIGNEE'S legal representative, Microsoft Way, Redmond, Was LEGAL REPRESENTATIVES), to insert on and given Applied the following Office US - United States this APPLICATION's Application No., which is known;  was filed on and was experienced by the following of the following was filed on and was experienced by the following the following in the following was filed on by the following in	ASSIGNEE'S legal representative, Microsoft TLLC., One Microsoft Way, Redmond, Washingt LEGAL REPRESENTATIVES), to insert here on and given Application the following Office US - United States Patent this APPLICATION's Application No., filing d known;  was filed on and was given A No by the following Office	ASSIGNEE'S legal representative, Microsoft Technol LLC., One Microsoft Way, Redmond, Washington 980 LEGAL REPRESENTATIVES), to insert here in part on and given Application No the following Office US - United States Patent and Tr this APPLICATION's Application No., filing date, as known;  was filed on and was given Application No by the following Office	ASSIGNEE'S legal representative, Microsoft Technology LLC., One Microsoft Way, Redmond, Washington 98052 (A LEGAL REPRESENTATIVES), to insert here in parenthe on and given Application No the following Office US - United States Patent and Trademathis APPLICATION's Application No., filing date, and Officewas filed on and was given Application No by the following Office	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

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"));

MS Docket No.: <u>356561.01</u>

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	4/22/15 Date			
Rahul Marwah				
Printed Name in English	Printed Name in Native Language			
	(if other than English)			

RECORDED: 04/28/2015