PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4300468

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KURT A JENKINS	01/26/2015
EDWARD BURRESS	01/22/2015
JAYA NARAIN	01/23/2015
ANDREW W HILL	03/22/2015
TAYLOR STELLMAN	07/29/2015

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:	15380274

CORRESPONDENCE DATA

Fax Number: (509)252-5002

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: usdocket@microsoft.com

Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

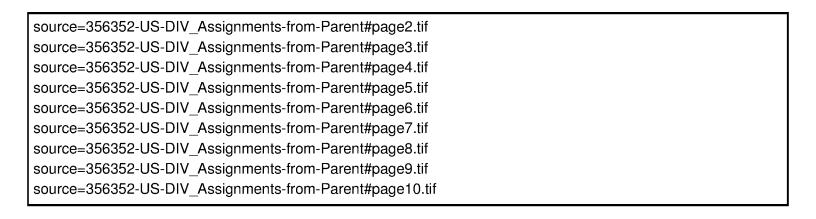
ATTORNEY DOCKET NUMBER:	356352-US-DIV
NAME OF SUBMITTER:	AMY WALLACE
SIGNATURE:	/Amy Wallace/
DATE SIGNED:	03/02/2017

Total Attachments: 10

source=356352-US-DIV_Assignments-from-Parent#page1.tif

PATENT REEL: 041445 FRAME: 0851

504253788



PATENT REEL: 041445 FRAME: 0852

PATENT ASSIGNMENT MS Docket No.: 356352.01

			ялапапапапапапапапапапапапапапапапапапап
	subject matter ("I entitled " <u>DEVICE</u>	NVENTION") disclosed a	nventor or an original joint nd/or claimed in a patent ED COMPOSITE HOUSING"
	ASSIGNEE'S legal re LLC, One Microsoft LEGAL REPRESENT on the following Office	ASSIGNOR hereby author epresentative of Microsoft Way, Redmond, Washingt ATIVES), to insert here and given Application of US – United States Patent Application No., filing d	Technology Licensing, on 98052 (ASSIGNEE'S in parentheses (filed No by and Trademark Office)
		y 22, 2015 and was given the following Office "The lice";	
behalf of itse of acquiring priority, in the derived there	If and its successors, the entire and exc ie INVENTION and the efrom, such as cont	s and assigns ("ASSIGNEE"), clusive rights, title and in the APPLICATION (and all o inuing applications, in wh	limited liability company, on is entitled to, and is desirous terest, including the right of ther applications and patents ole or in part, in and for the PLICATION DERIVATIVES"));
to insert the	•	iling date, and Office into	EE'S LEGAL REPRESENTATIVES the following table for any
Application		Filing Date	Office
15/380,274		December 15, 2016	USPTO

	LL	J
	!	·

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).

Kut Jak	1-26-2515
Inventor's Signature	Date
Kurt A. JENKINS	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: <u>356352.01</u>

I <u>Edward BURRESS</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>DEVICE SANDWICH STRUCTURED COMPOSITE HOUSING</u>" ("APPLICATION"), which:

MS Docket No.: <u>356352.01</u>

will	be	filed.	ASSIGNOR	hereby	authoriz	es, and	reque	ests,
ASSI	GNE	E'S legal	representati	ve of Mic	rosoft Te	chnology	Licens	sing,
LLC,	One	Microso	ft Way, Redr	nond, Wa	shington	98052 (/	assign	EE'S
LEGA	AL R	EPRESEN	TATIVES), t	o insert	here in	parenth	eses (filed
on				and	giv	en A	\pplica	ition
			by the					
Pater	nt ai	nd Trade	mark Office	this API	PLICATION	√s Appli	cation	No.,
filing	j dat	e, and O	ffice, when I	cnown;				

was filed on <u>January 22, 2015</u> and was given Application

No <u>14/603,142</u> by the following Office "<u>The United States</u>

Patent and Trademark 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
15/380,274	December 15, 2016	USPTO
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		

Page 1 of 2

PATENT REEL: 041445 FRAME: 0855

PATENT.	ASSIGNMENT	MS Docket No.:	356352.01
	.:		

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"));

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).

Elud Man	1/22/2015
Inventor's Signature	Date
Edward BURRESS	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Page 2 of 2

I <u>Jaya NARAIN</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>DEVICE SANDWICH STRUCTURED COMPOSITE HOUSING</u>" ("APPLICATION"), which:

will b	be	filed.	ASSIGNOR	hereby	authoriz	es, and	i requ	iests,
ASSIG	NEE	'S legal ı	representati	ve of Mid	crosoft Te	chnolog	y Licen	sing,
LLC, C)ne	Microsof	ft Way, Redi	mond, Wa	ashington	98052	(ASSIGI	VEE'S
LEGAL	R	EPRESEN [*]	TATIVES), t	o insert	here in	parenth	neses	(filed
on			and gi	ven Appl	ication No)		by
the fo	llov	ing Offic	ce <u>US – Unite</u>	<u>ed States</u>	Patent an	<u>ıd Tradeı</u>	<u>nark O</u>	ffice)
this A	PPL	ICATION	's Applicati	on No.,	filing dat	e, and C	office, v	when
know	n;							

was filed on <u>January 22, 2015</u> and was given Application No <u>14/603,142</u> by the following Office "<u>The United States Patent and Trademark Office</u>";

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	
15/380,274	December 15, 2016	USPTO	

MS Docket No.: 356352.01

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"));

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).

Jaya Noma	1-23-15
ventor's Signature	Date
Jaya NARAIN	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 356352.01

PATENT ASSIGNMENT MS Docket No.: 356352.01

			MARAAAAAAAAAAAAA		
	I <u>Andrew W. HILL</u> ("ASSIGNOR") am the original inventor or an original joint				
inventor of			nd/or claimed in a patent		
application	entitled " <u>DEVICE</u>	SANDWICH STRUCTURI	<u>ED COMPOSITE HOUSING"</u>		
("APPLICATIO)N"), which:				
	will be filed.	ASSIGNOR hereby autho	rizes, and requests,		
	ASSIGNEE'S legal re	epresentative of Microsoft	Technology Licensing,		
	LLC, One Microsoft	: Way, Redmond, Washingt	on 98052 (ASSIGNEE'S		
	LEGAL REPRESENT	ATIVES), to insert here	in parentheses (filed		
	on	and given Application	No by		
	the following Office <u>US – United States Patent and Trademark Office</u>)				
	-	s Application No., filing d			
	known;	The state of the s			
	,				
\boxtimes	\boxtimes was filed on <u>January 22, 2015</u> and was given Application No				
	14/603,142 by the	following Office "The Unit	ed States Patent and		
	Trademark Office";				
Micro	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					
		w	PLICATION DERIVATIVES"));		
, , , , , , , , , , , , , , , , , , ,					
ASSIG	ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES				
	•	•	the following table for any		
	DERIVATIVES after	-	die tonoming ware in man,		
Application		Filing Date	Office		
15/380,274	1301	December 15, 2016	USPTO		

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).

	フィンへにこっけ
Inventor's Signature	Date
Andrew W. HILL	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT MS Docket No.: 356352.01

		_	inventor or an original joint	
inventor of			nd/or claimed in a patent	
application	entitled " <u>DEVICE</u>	SANDWICH STRUCTUR	<u>ED COMPOSITE HOUSING"</u>	
("APPLICATIO)N"), which:			
	will be filed.	ASSIGNOR hereby autho	rizes, and requests,	
	ASSIGNEE'S legal re	epresentative of Microsoft	Technology Licensing,	
	_	· : Way, Redmond, Washingt	- · · · · · · · · · · · · · · · · · · ·	
	-	ATIVES), to insert here		
		and given Application	•	
		e US – United States Patent	·	
		s Application No., filing d		
	known;	o Application too, ming w	atty and other, when	
	14tt (991),			
\boxtimes	was filed on Januar	v 22 2015 and was given	Annlication No	
	<u>14/603,142</u> by the following Office " <u>The United States Patent and</u> <u>Trademark Office</u> ";			
	Ifagemark Office,			
Micro	roft Technology Lice	onrina IIC a Washinatan	limited liability company on	
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				
	•	•		
	• •	-	the following table for any	
	N DERIVATIVES after			
Application	No.	Filing Date	Office	
15/380,274		December 15, 2016	USPTO	

1	!			

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).

Inventor's Signature	7/29/15 Date
Taylor STELLMAN	
Printed Name in English	Printed Name in Native Language (if other than English)

RECORDED: 03/02/2017