### 504085197 11/07/2016

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4131865

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
PARMJEET SINGH	11/07/2016
LAKSHMI NARAYANA MUMMIDI	11/04/2016

#### **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:	15345246

#### **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:** usdocket@microsoft.com

Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	360808.01
NAME OF SUBMITTER:	LISA BIANCO
SIGNATURE:	/lisabianco/
DATE SIGNED:	11/07/2016

#### **Total Attachments: 4**

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PATENT 504085197 REEL: 040245 FRAME: 0236

### PATENT ASSIGNMENT

MS Docket No.:	360808.01
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I, Parmjeet Singh ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "PERIPHERAL DEVICE SUPPORT WITH A DIGITAL ASSISTANT FOR OPERATING SYSTEM UPGRADES" ("APPLICATION"), which:

$\boxtimes$	will be filed	i. Assignor	hereby autho	orizes, and	requests,
			ative, Microsoft		
	LLC., One	Microsoft W.	ay, Redmond,	Washingto	n 98052
	(ASSIGNEE'S	LEGAL REPR	ESENTATIVES).	to insert	here in
	parentheses (f	iled on Novemb	er 7, 2016 and	l given Appli	ication No.
	15/345,246		the		
	***************************************	USPTO	)this	APPI	JCATION's
	Application No	o., filing date, i	and Office, wher	ı known;	
	was filed on		and was given A	pplication	
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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.	Filling Date	Office	

Page 1 of 2

PATENT	ASSIGNMENT	MS Docket No.:	360808.01
	Annual Control of the		
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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"));

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).

Parmiect Singh	11/07/2016
Inventor's Signature	Date
Parmjeet Singh	
Printed Name in English	Printed Name in Native Language
	(if other than English)

# PATENT ASSIGNMENT

MS Docket No.: 360808.01

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			) am the original inventor or an
			disclosed and/or claimed in a
patent appli	cation entitled " <u>PI</u>	ERIPHERAL DEVICE S	SUPPORT WITH A DIGITAL
<u>ASSISTAN'</u>	<u>r for operati</u>	ING SYSTEM UPGRAD	DES" ("APPLICATION"), which:
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	was filed on	and was given	Application
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		territories, and all fore	eign countries ("APPLICATION
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following tab	le for any APPLICA	TION DERIVATIVES after t	hey are known;
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Page 1 of 2

PATENT A	ASSIGNMENT	MIS DOCKET NO.:	10.808001

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).

Lakshmi Narayana Mummidi	11/04/2016.
Inventor's Signature	Date
Lakshmi Narayana Mummidi	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Page 2 of 2

**RECORDED: 11/07/2016**