504638066 11/12/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4684784

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PAUL GARNER	11/02/2017
BEN VINCENT	11/02/2017
ARIEL GORDON	11/01/2017
SARAT CHANDRA SUBRAMANIAM	11/10/2017

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:	15490657

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.

Correspondent Name: USDOCKET@MICROSOFT.COM
MICROSOFT CORPORATION
ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER: 401733-US-NP

NAME OF SUBMITTER: CLARE HARTNETT

SIGNATURE: /CLARE HARTNETT/

DATE SIGNED: 11/12/2017

Total Attachments: 8

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> PATENT REEL: 044099 FRAME: 0040

		MS	S Docket No.: <u>401733-US-NI</u>	>
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MS Docket No.: 401733-US-NP

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"));

Inventor's Signature	11/2/17 Date
Paul GARNER	
Printed Name in English	Printed Name in Native Language (if other than English)

		MS	S Docket No.: <u>401733-US-NP</u>
I Ben ViN	CENT ("ASSIGN	OR") am the original invent	tor or an original joint inventor
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Page 1 of 2

MS Docket No.: 401733-US-NP

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"));

BEN R VINCENT	2-NOV-2017
Inventor's Signature	Date
Ben VINCENT	
Printed Name in English	Printed Name in Native Language (if other than English)

		MS Docket No.: 401733-US-	NP_
I Ariel GORDON ("ASSIGNOR") am the or	iginal inventor or an original j	oint
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MS Docket No.: 401733-US-NP

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shuther	Nov 01, 2017
Inventor's Signature	Date
Ariel GORDON	
Printed Name in English	Printed Name in Native Language
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PATENT REEL: 044099 FRAME: 0047

MS Docket No.: <u>401733-US-NP</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"));

Januar M.	11/10/2017
mventor's Signature	Date
Sarat Chandra SUBRAMANIAM	
Printed Name in English	Printed Name in Native Language
	(if other than English)