02/10/2017 504223780

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4270457

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PRASHANT THIRUVENGADACHARI	07/28/2016
SANYAM SHARMA	07/29/2016
DANIEL AMIRAULT	08/02/2016

RECEIVING PARTY DATA

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City:	REDMOND	
State/Country:	WASHINGTON	
Postal Code:	98052	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15224190

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ATTORNEY DOCKET NUMBER:	14917.2813USU1/359452USNP
NAME OF SUBMITTER:	CHRISTOPHER J. LEONARD
SIGNATURE:	/Christopher J. Leonard/
DATE SIGNED:	02/10/2017

Total Attachments: 6

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PATENT REEL: 041230 FRAME: 0656 504223780

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PATENT REEL: 041230 FRAME: 0657

PATENT ASSIGNMENT

I <u>Prashant Thiruvengad</u> original joint inventor of subje- patent application entitled "BA"	ect matter ("INVENTION")	
ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEC parentheses (filed No. <u>15/224,190</u> <u>Patent and Trade</u>	ASSIGNOR hereby authorepresentative, Microsoft rosoft Way, Redmond, GAL REPRESENTATIVES), and on July 29, 2016 by the following Office, when known;	Technology Licensing, Washington 98052 to insert here in and given Application ce <u>US – United States</u>
	and was given App the following Office "	lication
Microsoft Technology Lice behalf of itself and its success desirous of acquiring, the entiright of priority, in the INVENTI patents derived therefrom, successfor the United States, its to DERIVATIVES"));	ssors and assigns ("ASSIG 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 the following table for any APPLICA		g date, and Office into the
Application No.	Filing Date	Office

Page 1 of 2

PATENT ASSIGNMENT

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).

T. Paghan C	07/28/2016
Inventor's Signature	Date
Prashant Thiruvengadachari	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

I <u>Sanyam Sharma</u> ("ASSIGNOR") am the original inventor or an original join inventor of subject matter ("INVENTION") disclosed and/or claimed in a paten application entitled "BATCHED TASKS" ("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 July 29, 2016 and given Application No. 15/224,190 by the following Office US - United States 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, of behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and it 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 an for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));
ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAREPRESENTATIVES 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

PATENT ASSIGNMENT

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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).

Theems	7/29/2016
Inventor's Signature	Date
Sanyam Sharma	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

l <u>Daniel Amirault</u> ("ASSIGNOR") am the original inventor or an or	
inventor of subject matter ("INVENTION") disclosed and/or claimed in	n a patent
application entitled "BATCHED TASKS" ("APPLICATION"), which:	
 □ will be filed. ASSIGNOR hereby authorizes, and requestion ASSIGNEE'S legal representative, Microsoft Technology Licent LLC., One Microsoft Way, Redmond, Washington 98 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert hereparentheses (filed on and given Application No by the following Office US - United Section 1 and Trademark Office) this APPLICATION's Application filing date, and Office, when known; □ was filed on July 29, 2016 and was given Application No. 	sing, 8052 e in ation <u>tates</u>
15/224,190 by the following Office "United States Patent and	
Trademark Office";	
Trademark Office ,	
Microsoft Technology Licensing, LLC, a Washington limited liability of behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled desirous of acquiring, the entire and exclusive rights, title and interest, in right of priority, in the INVENTION and the APPLICATION (and all other appli patents derived therefrom, such as continuing applications, in whole or in for the United States, its territories, and all foreign countries ("A DERIVATIVES"));	to, and is acluding the ications and part, in and
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	/
Dome amenut	8/2/2016
Inventor's Signature	Date
Daniel Amirault	
Printed Name in English	Printed Name in Native Language
	(if other than English)