505548144 06/27/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5594941

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YAN GAO	06/25/2019
AJITH MURALIDHARAN	06/25/2019
PRATIK DAGA	06/25/2019
SANDOR NYAKO	06/25/2019
NIRAV NALINBHAI SHINGALA	06/26/2019
MATTHEW H. WALKER	06/25/2019

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:	16454622

CORRESPONDENCE DATA

Fax Number: (408)414-1076

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: 408/414-1080

Email: DSakamoto@h35g.com

HICKMAN PALERMO BECKER BINGHAM LLP **Correspondent Name:**

Address Line 1: 1 ALMADEN BOULEVARD, FLOOR 12

Address Line 4: SAN JOSE, CALIFORNIA 95113

ATTORNEY DOCKET NUMBER:	60352-0390	
NAME OF SUBMITTER:	SANJEEV S. BAJWA	
SIGNATURE:	/SanjeevSBajwa#72419/	
DATE SIGNED:	06/27/2019	

Total Attachments: 5

PATENT REEL: 049613 FRAME: 0957

505548144

source=60352-0390_ExecutedAssignment#page1.tif	
source=60352-0390_ExecutedAssignment#page2.tif	
source=60352-0390_ExecutedAssignment#page3.tif	
source=60352-0390_ExecutedAssignment#page4.tif	
source=60352-0390_ExecutedAssignment#page5.tif	

PATENT REEL: 049613 FRAME: 0958

<u>Shingala and</u> Joint invento	Matthew H. Walke or of subject matte entitled "MACHINE	r("ASSIGNOR") am the o r_("INVENTION") disclosed	ndor Nyako: Nirav Nalinbhai riginal inventor or an original I and/or claimed in a patent NC NOTIFICATION CONTENT"
	ASSIGNEE'S legal : LLC, One Microsof LEGAL REPRESENT on the following Office	ASSIGNOR hereby authorepresentative, Microsoft tway, Redmond, Washing ATIVES), to insert here and given Application by US – United States Patent to Application No., filing or Application No., filing or Application No.,	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed Noby and Trademark Office)
		and was given A by the following Office lark Office)":	
behalf of itse of acquiring, priority, in th derived there United States ASSIGI to insert the	If and its successors the entire and existence in the entire and existence in the entire and the entire in the ent	s and assigns ("ASSIGNEE"), clusive rights, title and in he APPLICATION (and all o tinuing applications, in wh all foreign countries ("API zes, and requests, ASSIGN illing date, and Office Into	limited liability company, on is entitled to, and is desirous terest, including the right of ther applications and patents tole or in part, in and for the PLICATION DERIVATIVES")); EE'S LEGAL REPRESENTATIVES the following table for any
	I DERIVATIVES after		750
Application	180.	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).

<u> </u>	06-25-20(°)
inventor's Signature	Date
Yan Gao	YAN GAO
Printed Name in English	Printed Name in Native Language (If other than English)

	()6-25 - 2019
Inventor's Signature	Date
Alith Muralidharan	~
Printed Name in English	Printed Name in Native Language
	(if other than English)

Quin-	06/25/2013
Inventor's Signature	Date
Pratik Daga	
Printed Name in English	Printed Name in Native Language (if other than English)
Work! Sin	6/25/2013
Inventor's Signature	Date
Sandor Nyako	SANDOR NYAKO
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	Date
Nirav Nalinbhai Shingala	
Printed Name in English	Printed Name in Native Language (if other than English)

TENT ASSIGNMENT	MS Docket No. 902530-US-NP	
Inventor's Signature	Date	
Pratik Daga		
Printed Name in English	Printed Name in Native Language (if other than English)	
nventor's Signature	Date	
sandor Nyako		
Printed Name in English	Printed Name in Native Language (if other than English)	
	612612019	
nven(0x3 Signature	Date	

Printed Name in Native Language

(if other than English)

Nirav Nalinbhai Shingala Printed Name in English

6-25-2019

Inventor's Signature

Date

Matthew H. Walker

Printed Name in English

Printed Name in Native Language

(if other than English)