PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8189022

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the 4TH INVENTOR'S NAME FROM "ROBERT EUEGENE HARRIS JR" TO "ROBERT EUGENE HARRIS JR." previously recorded on Reel 064496 Frame 0327. Assignor(s) hereby confirms the ASSIGNMENT.
RESUBMIT DOCUMENT ID:	508114521

CONVEYING PARTY DATA

Name	Execution Date
UGAN SIVAGNANENTHIRARAJAH	07/02/2023
MICHAEL JEFFREY AJAX	07/13/2023
SATHYANARAYANAN KARIVARADASWAMY	07/27/2023
ROBERT EUGENE HARRIS JR.	07/07/2023
SANJANA RAMAKRISHNAN SUNDER	07/13/2023
SANJEEV CHANDRA REDDY	07/27/2023
SERGII VIKTOROVYCH LIASHENKO	07/07/2023

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:	18326734

CORRESPONDENCE DATA

Fax Number: (801)328-1707

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: 801-533-9800

Email: usdocket1@microsoft.com,jbitsue@wnlaw.com

WORKMAN NYDEGGER/MICROSOFT Correspondent Name:

Address Line 1: 60 EAST SOUTH TEMPLE

Address Line 2: **SUITE 1000**

Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER: 13768.4393.1

REEL: 065033 FRAME: 0290

PATENT

508141843

NAME OF SUBMITTER:	KIRK C. COOMBS	
SIGNATURE:	/Kirk C. Coombs/	
DATE SIGNED:	09/26/2023	
Total Attachments: 17	•	
source=13768.4393-1 2023-09-26 Cor	rective Assignment - 3#page1.tif	
source=13768.4393-1 2023-09-26 Cor	rective Assignment - 3#page2.tif	
source=13768.4393-1 2023-09-26 Cor	rective Assignment - 3#page3.tif	
source=13768.4393-1 2023-09-26 Cor	rective Assignment - 3#page4.tif	
source=13768.4393-1 2023-09-26 Corrective Assignment - 3#page5.tif		
source=13768.4393-1 2023-09-26 Corrective Assignment - 3#page6.tif		
source=13768.4393-1 2023-09-26 Corrective Assignment - 3#page7.tif		
source=13768.4393-1 2023-09-26 Corrective Assignment - 3#page8.tif		
source=13768.4393-1 2023-09-26 Corrective Assignment - 3#page9.tif		
source=13768.4393-1 2023-09-26 Corrective Assignment - 3#page10.tif		
source=13768.4393-1 2023-09-26 Corrective Assignment - 3#page11.tif		
source=13768.4393-1 2023-09-26 Cor	rective Assignment - 3#page12.tif	
source=13768.4393-1 2023-09-26 Cor	rective Assignment - 3#page13.tif	
source=13768.4393-1 2023-09-26 Cor	rective Assignment - 3#page14.tif	
source=13768.4393-1 2023-09-26 Cor	rective Assignment - 3#page15.tif	
source=13768.4393-1 2023-09-26 Cor	rective Assignment - 3#page16.tif	

source=13768.4393-1 2023-09-26 Corrective Assignment - 3#page17.tif

PATENT REEL: 065033 FRAME: 0291

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8097194

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
UGAN SIVAGNANENTHIRARAJAH	07/02/2023	
MICHAEL JEFFREY AJAX	07/13/2023	
SATHYANARAYANAN KARIVARADASWAMY	07/27/2023	
ROBERT-EUEGENE HARRIS-JR ROBERT EUGENE HARRIS-JR	07/07/2023	
SANJANA RAMAKRISHNAN SUNDER	07/13/2023	
SANJEEV CHANDRA REDDY	07/27/2023	
SERGII VIKTOROVYCH LIASHENKO	07/07/2023	

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:	18326734

CORRESPONDENCE DATA

Fax Number: (801)328-1707

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: 801-533-9800

Email: usdocket1@microsoft.com,jbitsue@wnlaw.com

Correspondent Name: WORKMAN NYDEGGER/MICROSOFT

Address Line 1: 60 EAST SOUTH TEMPLE

Address Line 2: SUITE 1000

Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER:	13768.4393.1
NAME OF SUBMITTER:	KIRK COOMBS
SIGNATURE:	/KIRK COOMBS/
DATE SIGNED:	08/04/2023

PATENT REEL: 065033 FRAME: 0292 Trademark Office";

MS Docket No.: <u>412655–US–NP</u>

WN Docket No.:	13768.4393.1
----------------	--------------

I.	Ugan SIVAGNANENTHIRARAJAH	("ASSIGNOR")	am the c	riginal in	ventor o	or an
original	joint inventor of subject matter	("INVENTION")	disclose	d and/or	claimed	in a
patent a	pplication entitled " <u>SENSOR BROI</u>	KER FOR PLUG-	<u>INS</u> " ("AP	PLICATIO	۷"), whic	:h:

	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 and given Application
	No by the following Office <u>US - United States</u>
	Patent and Trademark Office) this APPLICATION's Application No.
	filing date, and Office, when known;
\boxtimes	was filed on May 31, 2023 and was given Application No.
	18/326,734 by the following Office "US - United States Patent and

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

WN Docket No.: <u>13768.4393.1</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"));

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

Ugan Sİ̈VAGNANENTHIRARAJAH

Printed Name in English

/ / ~ | ~ U =

Date

Printed Name in Native Language

(if other than English)

MS Docket No.: <u>412655-US-NP</u> WN Docket No.: 13768.4393.1

I <u>Michael Jeffrey AJAX</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent

mvenroi	Q1	subject	matter	(HAAEIA	IIION)	disclose	o ano/or	ciaimed	ın	a	pa
application	on (entitled "_	SENSOR	BROKER	FOR PL	<u>UG-INS</u> " (("APPLICAT	ION"), wh	ich:		

will b	e filed.	ASSIGNOR	hereby	authoriz	es, and	request	s,
ASSIGN	≀EE'S leg	al representa	itive, Mici	osoft Te	chnology	Licensin	g,
LLC, O	ne Micro	soft Way, Red	mond, Wa	shington	98052 (/	ASSIGNEE	'S
LEGAL	REPRES	ENTATIVES),	to insert	here in	parenth	eses (file	d
on		0-5:	and	giv	en /	ل المالة المالة الم	n
No		by the	following	g Office	US - Uni	ted State	<u>:s</u>
<u>Patent</u>	and Tra	demark Office	e) this API	PLICATIO	N's Applie	ation No).,
filina d	ate. and	Office, when	known:				

was filed on May 31, 2023 and was given Application No.

18/326,734 by the following Office "US – United States 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	

WN Docket No.: 13768.4393.1

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"));

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
mme	7/13/23
Inventor's Signature	Date
Michael Jeffrey AJAX	
Printed Name in English	Printed Name in Native Language
	(if other than English)

	`	WN Docket No.: <u>13768.4393.</u> 1
I <u>Sathyanarayanan KAR</u>	IVARADASWAMY ("ASSIGN	OR") am the original invento
or an original joint inventor of	f subject matter ("INVENTIC	ON") disclosed and/or claimed
in a patent application entitl which:	ed " <u>SENSOR BROKER FO</u> F	R PLUG-INS" ("APPLICATION")
LLC, One Microso  LEGAL REPRESEN  on  No.  Patent and Trade	ASSIGNOR hereby auth representative, Microsoft oft Way, Redmond, Washing ITATIVES), to insert here and by the following Officemark Office) this APPLICATIONS	Technology Licensing, gton 98052 (ASSIGNEE'S in parentheses (filed given Application ce <u>US – United States</u>
	31, 2023 and was given Ap the following Office " <u>US – U</u> 2";	
Microsoft Technology Libehalf of itself and its succeedesirous of acquiring, the entiright of priority, in the INVENT patents derived therefrom, sucfor the United States, its DERIVATIVES"));	essors and assigns ("ASSIO ire and exclusive rights, ti ION and the APPLICATION ch 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 t following table for any APPLICA	the Application No., filin	,
Application No.	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).

Inventor's Signature

Sathyanarayanan ARIVARADASWAMY

Printed Name in English

Date

Printed Name in Native Language

(if other than English)

MS Docket No.: 412655-US-NP

WN Docket No.: 13768.4393.1

		bala menericar i ener i me ener i mener
I <u>Robert Eugene HARR</u> joint inventor of subject mat application entitled " <u>SENSOR</u>	tter ("INVENTION") disclose	
ASSIGNEE'S legal LLC, One Micros LEGAL REPRESE on No. Patent and Trad	ASSIGNOR hereby auth al representative, Microsoft oft Way, Redmond, Washing NTATIVES), to insert here and by the following Offi emark Office) this APPLICA Office, when known;	Technology Licensing, gton 98052 (ASSIGNEE'S in parentheses (filed given Application ice <u>US – United States</u>
***************************************	<u>/ 31, 2023</u> and was given A the following Office " <u>US – L</u> <u>e</u> ";	• •
behalf of itself and its succ desirous of acquiring, the en right of priority, in the INVEN patents derived therefrom, su	tessors and assigns ("ASSI tire and exclusive rights, ti TION and the APPLICATION arch as continuing application	n limited liability company, on GNEE"), is entitled to, and is tle and interest, including the (and all other applications and ons, in whole or in part, in and ign countries ("APPLICATION
•	the Application No., filin	uests, ASSIGNEE'S LEGAL g date, and Office into the hev are known:
Application No.	Filing Date	Office

Page 1 of 2

WN Docket No.: <u>13768.4393.1</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"));

Robert Have	7.7-23
Inventor's Signature	Date
Robert Eugene HARRIS Jr.	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 412655-US-NP

ž.		WN DOCKET NO.: 13/08.439	3.1
I <u>Sanjana Ramakrish</u> r	<u>nan SUNDER</u> ("ASSIGN	OR") am the original inventor or	an
		ION") disclosed and/or claimed is	
		PLUG-INS" ("APPLICATION"), which:	
ASSIGNEE'S leg LLC, One Micro LEGAL REPRESI on No. Patent and Tra	al representative, Mic soft Way, Redmond, W ENTATIVES), to inser by the followin	vauthorizes, and requests, crosoft Technology Licensing, Vashington 98052 (ASSIGNEE'S there in parentheses (filed d given Application ng Office US – United States PPLICATION's Application No.,	
	-	given Application No. " <u>US – United States Patent and</u>	
Microsoft Technology	Licensing, LLC, a Was	shington limited liability company,	on
-		("ASSIGNEE"), is entitled to, and	
		ghts, title and interest, including	
		ATION (and all other applications	
		plications, in whole or in part, in	
*		Il foreign countries ("APPLICATI	
DERIVATIVES"));		·	
90 90 CA 3 F A 4 5 C DOOM 7.79			
ASSIGNOR hereby	authorizes, and	requests, ASSIGNEE'S LEG	GAL
•	•	o., filing date, and Office into	
following table for any APPLI			
Application No.	Filing Date	Office	
, ,,,			
			-

Page 1 of 2

WN Docket No.: 13768,4393.1

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"));

	07/13/2023
Inventor's Signature	Date
Sanjana Ramakrishnan SUNDER Printed Name in English	Printed Name in Native Language (if other than English)

		WN Docket No.:	<u>13768.4393.1</u>
I <u>Sanieev Chandra RED</u> I	Y ("ASSIGNOR") am 1	the original inventor	or an original

		7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
I <u>Sanjeev Chandra RED</u> joint inventor of subject mat application entitled " <u>SENSOR I</u>	ter ("INVENTION") disclose	-
LLC, One Microso  LEGAL REPRESEN  on  No.  Patent and Trade  filing date, and C	representative, Microsoft oft Way, Redmond, Washin ITATIVES), to insert here and	t Technology Licensing, gton 98052 (ASSIGNEE'S in parentheses (filed given Application lice US - United States TION's Application No., pplication No.
<u>Trademark Office</u>		
Microsoft Technology Libehalf of itself and its succedesirous of acquiring, the entiright of priority, in the INVENT patents derived therefrom, sucfor the United States, its DERIVATIVES"));	ssors and assigns ("ASSI ire and exclusive rights, ti ION and the APPLICATION th as continuing application	itle and interest, including the (and all other applications and ons, in whole or in part, in and
ASSIGNOR hereby REPRESENTATIVES to insert t following table for any APPLICA	he Application No., filin	
Application No.	Filing Date	Office

Application No.	Filing Date	Office	
			***********
	······		V.v

Page 1 of 2

WN Docket No.: 13768.4393.1

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	<u>7/27/2023</u> Date
 Sanjeev Chandra REDDY	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 412655-US-NP

		WN Docket No.: <u>13768.4393.1</u>			
I <u>Sergii Viktorovych LIA</u>	ASHENKO ("ASSIGNOR") ar	n the original inventor or an			
original joint inventor of subje		<u>-</u>			
patent application entitled "SEN		·			
<u> </u>					
ASSIGNEE'S legal LLC, One Microso LEGAL REPRESEN on No. Patent and Trade	ASSIGNOR hereby auth representative, Microsoft ft Way, Redmond, Washing TATIVES), to insert here and by the following Offimark Office) this APPLICA ffice, when known;	Technology Licensing, gton 98052 (ASSIGNEE'S in parentheses (filed given Application lice US – United States			
	31, 2023 and was given A ne following Office " <u>US – L</u> ",				
Microsoft Technology Lid behalf of itself and its succe desirous of acquiring, the enti right of priority, in the INVENTI patents derived therefrom, suc for the United States, its to DERIVATIVES"));	ssors and assigns ("ASSI re and exclusive rights, ti ON and the APPLICATION h as continuing application	tle and interest, including the (and all other applications and ons, in whole or in part, in and			
ASSIGNOR hereby	authorizes, and req	uests, ASSIGNEE'S LEGAL			
REPRESENTATIVES to insert the	•	•			
following table for any APPLICA					
Application No.	Filing Date	Office			
	_				
		1			

RECORDED: 09/12/2023

MS Docket No.: <u>412655–US–NP</u>

WN Docket No.: 13768.4393.1

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	
Sergii Viktorovych LIASHENKO	
Printed Name in English	Printed Name in Native Language
	(if other than English)