PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6674256

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JASON R. SHAVER	04/12/2021
GABRIEL PEDRO DE CASTRO	03/15/2021
KESAVAN SHANMUGAM	03/15/2021
YUVAL MAZOR	03/15/2021

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:	17131446

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: usdocket@microsoft.com,dso@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:	13768.4015
NAME OF SUBMITTER:	ADRIAN J. LEE
SIGNATURE:	/Adrian J. Lee, Reg.# 42785/
DATE SIGNED:	04/23/2021

Total Attachments: 8

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> **PATENT** REEL: 056027 FRAME: 0422 506627447



PATENT REEL: 056027 FRAME: 0423

PATENT ASSIGNMENT	•	MS Docket No.: <u>409062-US-N</u>
		WN Docket No.: <u> 3768,401</u>
I Jason R. SHAVER (*	ASSICNOR") am the origin	al inventor or an original joir
inventor of subject matter	("INVENTION") disclosed	and/or claimed in a pater
application entitled "DETECTIN		
("APPLICATION"), which:		
T will be fliest	ASSICNOR hereby auth	Market and management
ASSICNEE'S lenal	representative, Microsoft	Turboniam Grandan
	rosoft Way, Redmond.	
	JAL REPRESENTATIVES),	
	d on	
	by the following Offi	
	mark Office) this APPLICA	TION'S Application No.,
Tilling date, and U	ffice, when known;	
🛛 was filed on Dece	<u>mber 22, 2020</u> and was g	ven Application
No <u>17/131446</u>	by the following Office "U	S - United States Patent
and Trademark O	ffice":	
Microsoft Technology Li	censing, LLC, a Washingto	n limited liability company, o
behalf of itself and its succe	ssors and assigns ("ASS)	INEE"), is entitled to, and i
desirous of acquiring, the enti		
right of priority, in the INVENT		
patents derived therefrom, suc		
for the United States, its		
DERIVATIVES"));	The state of the s	25.00
ASSIGNOR hereby	authorizes, and requ	iests, ASSIGNEE'S LEGA
REPRESENTATIVES to insert t		
following table for any APPLICA		
Application No.	Filing Date	Office
	<u> </u>	

PATENT ASSIGNMENT	MS Docket No.: <u>409062-US-NF</u> WN Docket No.: <u>13768-401</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	4/12/2021 Date
Jason R. SHAVER	
Printed Name in English	Printed Name in Native Language
	(if other than English)

DATENT	ASSIGNMENT
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MS Docket No.: <u>409062-US-NP</u> WN Docket No.: <u>13768.4015</u>

§.	Gabriel	Pedro de	CASTRO	("ASSIGNO	DR") am	the original	ginal in	ventor	or an
original	joint inves	ntor of su	bject matte	ar ("INVENT	TON") d	isclosed	and/or	claime	d in a
patent	application	entitled	"DETECTIN	IG ADDED	FUNCT	IONALIT	Y IN O	PEN SC	DURCE
PACKAC	GE" ("APPLIC	CATION"), 1	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 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;

was filed on <u>December 22, 2020</u> and was given Application

No <u>17/131446</u> by the following Office "<u>US</u> - <u>United States Patent</u>

and <u>Trademark Office</u>";

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	
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PATENT ASSIGNMENT	\$ MS Docket No.: <u>409062–US–NI</u> WN Docket No.: <u>13768,401</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).

CA	3/15/2021
Inventor's Signature	Date
Gabriel Pedro de CASTRO	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: <u>409062-US-NP</u> WN Docket No.: 13768.4015

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

3	3	`	- ,	,	
application entitled	"DETECTING	ADDED	FUNCTIONALITY	IN OPEN	SOURCE PACKAGE
("APPLICATION"), whi	ich:				

will	be	filed	I. AS	SIGNOR	hereby	auth	orize	s, and	reque	sts,
ASSI	GNE	E'S l∈	egal rep	resenta	tive, Mic	rosoft	Teck	nology	Licensi	ing,
LLC.	, C)ne	Microso	oft Wa	y, Red	mond,	Wa	shingto	n 980	052
(ASS	IGNE	E'S	LEGAL	REPRE	SENTATI	VES),	to	insert	here	in
pare	nthe	ses	(filed o	າ			and	given A	Applicat	ion
No.				by the	followin	g Offi	ce <u>U</u>	<u>S – Uni</u>	ted Sta	<u>ate s</u>
<u>Pate</u>	nt ar	<u>nd Tr</u>	<u>ademar</u>	k Office) this AF	PLICA	LION,	's Applio	cation N	۷o.,
filing	g dat	e, an	d Office	, when	known;					

was filed on <u>December 22, 2020</u> and was given Application
No <u>17/131446</u> by the following Office "<u>US – United States Patent</u>
and <u>Trademark Office</u>";

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>13768.4015</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"));

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S.Kew2	3/15/2021
Inventor's Signature	Date
Kesavan SHANMUGAM	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT		MS Docket No. <u>409062-US-N</u>
		WN Docket No.: <u>13768.401</u>
inventor of subject man	er ("INVENTION") di	ie original inventor or an original joir isclosed and/or claimed in a pater TIONALITY IN OPEN SOURCE PACKAGE
fm) - 1		
ASSIGNEE'S II LLC., One (ASSIGNEE'S parentheses No Patent_and_Ti	egal representative, I Microsoft Way, F LEGAL REPRESENT (filed on	eby authorizes, and requests, Microsoft Technology Licensing, Redmond, Washington 98052 [ATIVES], to insert here inand given Application wing Office US - United States i APPLICATION's Application No., m;
X was filed on t	Nacambar 22 - 2020 si	ind was given Application
	<u>146</u> by the following	Office "US.:: United States Patent
behalf of itself and its sidesirous of acquiring, the right of priority, in the INVI patents derived therefrom,	uccessors and assign entire and exclusive ENTION and the APPLI such as continuing a	Vashington limited liability company, or ITS ("ASSIGNEE"), is entitled to, and in rights, title and interest, including the ICATION (and all other applications and applications, in whole or in part, in and all foreign countries ("APPLICATION
		No., filing date, and Office into thi
Application No.	Filing Date	Office

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U.A. W.	March 15, 2021
Inventor's Signature	Date
Yoval MAZOR	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Page 2 of 2