## 506169153 07/23/2020

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6215890

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
BO LIU	07/21/2020
KE WANG	07/23/2020
AHMED HASSAN MOHAMED	07/22/2020

## **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:	16937194

## **CORRESPONDENCE DATA**

**Fax Number:** (425)401-5199

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.

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2065698198
Email: jim@liangip.com
Correspondent Name: CHEN LIANG

Address Line 1: 1750 112TH AVE NE, SUITE D-152
Address Line 4: BELLEVUE, WASHINGTON 98004

ATTORNEY DOCKET NUMBER:	408733-US-NP
NAME OF SUBMITTER:	CHEN LIANG
SIGNATURE:	/Chen Liang/
DATE SIGNED:	07/23/2020

## **Total Attachments: 6**

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PATENT 506169153 REEL: 053296 FRAME: 0463

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PATENT REEL: 053296 FRAME: 0464

		MS Docket No.: 408733-US-NP	
l Bo Liu	Liu ("ASSIGNOR") am the original inve		
		ENTION") disclosed and/or claimed	
in a patent application (	entitled "INTERACTION SIGNAL PROC	CESSING IN DISTRIBUTED COMPUTING SYSTEMS "	
("APPLICATION"), which:			
will be f	filed. ASSIGNOR hereby	authorizes, and requests,	
ASSIGNEE'	S legal representative, Micr	rosoft Technology Licensing,	
LLC., One	Microsoft Way, Redmond, W	ashington 98052 (ASSIGNEE'S	
LEGAL RE	PRESENTATIVES), to insert	here in parentheses (filed	
on <u>7/23/2</u>	020 and given Appli	ication No. 16937194 by	
the follow	ing Office <u>US – United States</u>	Patent and Trademark Office)	
this APPLI	CATION's Application No.,	filing date, and Office, when	
known;			
☐ was filed o	was filed on and was given Application		
No		by the	
	Office "		
147		,	
Microsoft Techno	ology Licensing, LLC, a Wash	nington limited liability company, on	
behalf of itself and its si	accessors and assigns ("ASSI	GNEE"), is entitled to, and is desirous	
of acquiring, the entire	and exclusive rights, title	and interest, including the right of	
		nd all other applications and patents	
	as continuing applications	, in whole or in part, in and for the	
derived therefrom, such		, in whole or in part, in and for the	
*	<b>4</b> , ,	es ("APPLICATION DERIVATIVES"));	
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United States, its territo	ries, and all foreign countrie	•	
United States, its territo ASSIGNOR hereby	ories, and all foreign countries y authorizes, and requests, A	es ("APPLICATION DERIVATIVES"));	
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United States, its territo  ASSIGNOR hereby to insert the Application	ories, and all foreign countrie y authorizes, and requests, A on No., filing date, and Offi	es ("APPLICATION DERIVATIVES")); ASSIGNEE'S LEGAL REPRESENTATIVES	
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Page 1 of 2

MS Docket No.: 408733-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"));

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).

| Date | Date | Printed Name in English | Printed Name in Native Language

Printed Name in Native Language (if other than English)

į Ke	Wang		MS Docket No.: 408 ("ASSIGNOR") am the origin	733-US-NP
or an origin in a patent	ial joint inventor	of subject matter ("IN	VENTION") disclosed and/o	or claimed
	ASSIGNEE'S leg LLC., One Micro LEGAL REPRES on 7/23/2020 the following O	Jal representative, M Psoft Way, Redmond, ENTATIVES), to inse and given App ffice <u>US - United State</u>	y authorizes, and requicrosoft Technology Licens Washington 98052 (ASSIGN  of here in parentheses ( offication No. 16937194  offication And Trademark Office, was a second control of the	sing, IEE'S filed by fice)
<b>Q</b>	was filed on	and	was given Application	
	No		by the	
	following Office			
Dehalf of itse of acquiring Oriority, in the Jerived State: ASSIG O insert the	elf and its success the entire and le INVENTION an efrom, such as c tits territories, a NOR hereby auth Application No.	sors and assigns ("ASS exclusive rights, title d the APPLICATION (a ontinuing application and all foreign countr orizes, and requests,	hington limited liability co IGNEE"), is entitled to, and is and interest, including the and all other applications at s, in whole or in part, in a les ("APPLICATION DERIVAT ASSIGNEE'S LEGAL REPRESETICE into the following tab	s desirous ne right of nd patents nd for the TVES"));
Application		Filing Date	Office	
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Page 1 of 2

MS Docket No.: 408733-US-NP

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/23/2020
ed Name in Native Language her than English)

		MS	S Docket No.: 408733-US-NP	
ا <u>Ahm</u>	ed Hassan Mohamed	("ASSIGN	OR") am the original inventor	
			") disclosed and/or claimed	
in a patent a	pplication entitled "	INTERACTION SIGNAL PROCESSING IN	N DISTRIBUTED COMPUTING SYSTEMS "	
("APPLICATIO	ON"), which:			
	will be filed.	ASSIGNOR hereby autho	rizes, and requests,	
	ASSIGNEE'S legal i	representative, Microsoft	Technology Licensing,	
	LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S			
	LEGAL REPRESENT	LEGAL REPRESENTATIVES), to insert here in parentheses (filed		
	on7/23/2020	and given Application	No. <u>16937194</u> by	
	the following Office	e <u>US – United States Patent</u>	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 "_		".	
Micro	soft Technology Lic	ensing, LLC, a Washington	limited liability company, on	
behalf of itse	elf and its successors	s and assigns ("ASSIGNEE"),	is entitled to, and is desirous	
		<del>-</del> '	terest, including the right of	
• • •		·	ther applications and patents	
derived ther	efrom, such as cont	tinuing applications, in wh	ole or in part, in and for the	
United State	s, its territories, and	l all foreign countries ("APF	PLICATION DERIVATIVES"));	
	•	• •	EE'S LEGAL REPRESENTATIVES	
	• •	•	the following table for any	
	N DERIVATIVES after	1	0.00	
Application	No.	Filing Date	Office	
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Page 1 of 2

MS Docket No.: 408733-US-NP

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Inventőr's Signáture

Date

Ahmed Hassan Mohamed

Printed Name in English

RECORDED: 07/23/2020

Printed Name in Native Language

(if other than English)