506074210 05/25/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6120925

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUAN-JYUE CHEN	05/07/2020
BICHLIEN NGUYEN	05/08/2020
JAKE SMITH	05/08/2020
KARIN STRAUSS	05/08/2020

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:	16698860

CORRESPONDENCE DATA

Fax Number: (888)785-1482

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: 888-785-1482

Email: usdocket@microsoft.com **Correspondent Name:** NEWPORT IP, LLC

1400 112TH AVE SE SUITE 100 Address Line 1: Address Line 4: BELLEVUE, WASHINGTON 98004

ATTORNEY DOCKET NUMBER:	MS1-9432US
NAME OF SUBMITTER:	FRIEDA CRAMER
SIGNATURE:	/Frieda Cramer/
DATE SIGNED:	05/25/2020

Total Attachments: 8

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PATENT REEL: 052742 FRAME: 0846 506074210

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> PATENT REEL: 052742 FRAME: 0847

Client Docket No.: 407633-US-NP Attorney Docket No.: MS1-9432US

inventor of application e	subject matter ("	INVENTION") disclosed a LEOTIDE ASSEMBLY USING	inventor or an original joint and/or claimed in a patent ELECTRICALLY CONTROLLED
	ASSIGNEE'S legal is LLC., One Microsof LEGAL REPRESENT on the following Office ASSIGNMENT OF The following Office ASSIGNMENT OF The Following Office ASSIGNMENT OF THE FORMER OF THE THE PROPERTY OF THE PROPERTY OF T	ASSIGNOR hereby authorepresentative, Microsoft ft Way, Redmond, Washing ATIVES), to insert here and given Application ice "US – United States CATION's Application No.,	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed Noby Patent and Trademark
		nber 27, 2019 and was given the following Office " <u>US</u> fice";	
behalf of itse of acquiring, priority, in th derived there	If and its successors the entire and ex e INVENTION and ter efrom, such as con-	s and assigns ("ASSIGNEE") clusive rights, title and ir he APPLICATION (and all c tinuing applications, in wl	n limited liability company, on , is entitled to, and is desirous iterest, including the right of other applications and patents nole or in part, in and for the PLICATION DERIVATIVES"));
	•		IEE'S LEGAL REPRESENTATIVES
	Application No., f DERIVATIVES after	- ·	o the following table for any
Application		Filing Date	Office

Client Docket No.: 407633-US-NP Attorney Docket No.: MS1-9432US

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).

Guan-Jyue Chen	5/7/2020
Inventor's Signature	Date
Yuan-Jyue CHEN	陳圓覺
Printed Name in English	Printed Name in Native Language
	(if other than English)

Client Docket No.: 407633-US-NP Attorney Docket No.: MS1-9432US

l <u>Bich</u>	i <mark>lien NGUYEN</mark> ("ASS	IGNOR") am the original	inventor or an original joint
inventor of	subject matter ("	INVENTION") disclosed a	and/or claimed in a patent
application of	entitled " <u>OLIGONUC</u> I	LEOTIDE ASSEMBLY USING	ELECTRICALLY CONTROLLED
HYBRIDIZAT	I <mark>ON</mark> " ("APPLICATION'	"), which:	
П	will be filed.	ASSIGNOR hereby autho	orizes, and requests.
		representative, Microsoft	•
	-	t Way, Redmond, Washing	
		ATIVES), to insert here	
		and given Application	
		ce <u>"US – United States I</u>	
		CATION's Application No.,	
	when known;	Arion's Application No.,	ming date, and office,
	vviicii RiiOvvii,		
1231			
		<u>nber 27, 2019</u> and was giv	
	•	following Office " <u>US - Unit</u>	ted States Patent and
	<u>Trademark Office</u> ";		
behalf of itse of acquiring priority, in the derived ther	elf and its successors, the entire and exc he INVENTION and the efrom, such as cont	s and assigns ("ASSIGNEE") clusive rights, title and in he APPLICATION (and all o cinuing applications, in wh	n limited liability company, on it is entitled to, and is desirous iterest, including the right of other applications and patents nole or in part, in and for the PLICATION DERIVATIVES"));
ASSIC	NOR hereby authori	zes and requests ASSIGN	IEE'S LEGAL REPRESENTATIVES
	•	•	o the following table for any
	N DERIVATIVES after		o the following tuble for any
Application	***************************************	Filing Date	Office
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Client Docket No.: 407633-US-NP Attorney Docket No.: MS1-9432US

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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"));

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Mallo	5/8/2020
Inventor's Signature	Date
Bichlien NGUYEN	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Client Docket No.: 407633-US-NP Attorney Docket No.: MS1-9432US

I <u>Jake SMITH</u> ("ASSIGNOR") subject matter ("INVENTION") di "OLIGONUCLEOTIDE ASSEMBLY ("APPLICATION"), which:	sclosed and/or claimed in	•		
ASSIGNEE'S legal in LLC., One Microsof LEGAL REPRESENT on the following Offi	ASSIGNOR hereby authorepresentative, Microsoft tway, Redmond, Washing ATIVES), to insert here and given Application ce "US – United States FEATION's Application No.,	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed Noby Patent and Trademark		
	<u>mber 27, 2019</u> and was gi y the following Office " <u>US</u> <u>ice</u> ";			
behalf of itself and its successors of acquiring, the entire and exception priority, in the INVENTION and to derived therefrom, such as contunited States, its territories, and	s and assigns ("ASSIGNEE") clusive rights, title and in he APPLICATION (and all o inuing applications, in wh all foreign countries ("API	terest, including the right of other applications and patents nole or in part, in and for the		
to insert the Application No., f APPLICATION DERIVATIVES after	-	o the following table for any		
Application No.	Application No. Filing Date Office			

Client Docket No.: 407633-US-NP Attorney Docket No.: MS1-9432US

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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"));

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	5-2-20	
Inventor's Signature	Date	
Jake SMITH		
Printed Name in English	Printed Name in Native Language	
	(if other than English)	

Client Docket No.: 407633-US-NP Attorney Docket No.: MS1-9432US

l <u>Kari</u> ı	n <mark>STRAUSS</mark> ("ASSIGNO	OR") am the original invent	or or an original joint inventor	
of subject m	atter ("INVENTION")	disclosed and/or claimed i	n a patent application entitled	
"OLIGONUCL	EOTIDE ASSEMBLY	USING ELECTRICALLY CO	ONTROLLED HYBRIDIZATION"	
("APPLICATION	ON"), which:			
	ASSIGNEE'S legal is LLC., One Microsoft LEGAL REPRESENT onthe following Office of the following Office of the following of the following of the following of the following Office of the following of the fo	ASSIGNOR hereby authorepresentative, Microsoft of Way, Redmond, Washing (ATIVES), to insert here and given Application ce "US – United States In CATION's Application No.,	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed Noby Patent and Trademark	
	was filed on November 27, 2019 and was given Application No 16/698,860 by the following Office "US – United States Patent and <a <="" a="" href="mailto:Trademark Office">;			
behalf of itse of acquiring priority, in the derived ther	elf and its successors, the entire and exc he INVENTION and t refrom, such as cont	s and assigns ("ASSIGNEE") clusive rights, title and in he APPLICATION (and all c tinuing applications, in wh	limited liability company, on, is entitled to, and is desirous terest, including the right of other applications and patents nole or in part, in and for the PLICATION DERIVATIVES"));	
ASSIC	NOR hereby authori	zes, and requests, ASSIGN	EE'S LEGAL REPRESENTATIVES	
to insert the	e Application No., f	iling date, and Office into	o the following table for any	
APPLICATIO	N DERIVATIVES after	they are known;		
Application	No.	Filing Date	Office	
		 	 	

Client Docket No.: 407633-US-NP Attorney Docket No.: MS1-9432US

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Inventor's Signature	<u>May 08, 2020</u> Date
c c c.g c	2
Karin STRAUSS	
Printed Name in English	Printed Name in Native Language
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	(if other than English)
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RECORDED: 05/25/2020