PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6170486

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ELEEN SHUM	01/27/2020
KATHERINE LAZARUK	03/11/2019
DENNIS E. PROSEN	03/11/2019
DEVON JENSEN	03/11/2019
DAVID ROSENFELD	06/15/2020
JANICE H. LAI	03/11/2019
JAMES GHADIALI	03/01/2019
CHRISTINA CHANG	03/11/2019

RECEIVING PARTY DATA

Name:	CELLULAR RESEARCH, INC.
Street Address:	2350 QUME DRIVE
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95131

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	62796018
Application Number:	16747737
PCT Number:	US2020014339

CORRESPONDENCE DATA

Fax Number: (858)509-3691

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: 8587208900

Email: DMIPDocketing@sheppardmullin.com

SHEPPARD, MULLIN, RICHTER & HAMPTON LLP Correspondent Name:

12275 EL CAMINO REAL Address Line 1:

Address Line 2: SUITE 200

Address Line 4: SAN DIEGO, CALIFORNIA 92130

68EB-298700-P/US/WO ATTORNEY DOCKET NUMBER:

NAME OF SUBMITTER:	JING LIU
SIGNATURE:	/Jing Liu/
DATE SIGNED:	06/24/2020

Total Attachments: 14

source=68EB-298700-P_US_WO_Executed Assignment [Inventors to CR]#page1.tif source=68EB-298700-P_US_WO_Executed Assignment [Inventors to CR]#page2.tif source=68EB-298700-P_US_WO_Executed Assignment [Inventors to CR]#page3.tif source=68EB-298700-P_US_WO_Executed Assignment [Inventors to CR]#page4.tif source=68EB-298700-P_US_WO_Executed Assignment [Inventors to CR]#page5.tif source=68EB-298700-P_US_WO_Executed Assignment [Inventors to CR]#page7.tif source=68EB-298700-P_US_WO_Executed Assignment [Inventors to CR]#page7.tif source=68EB-298700-P_US_WO_Executed Assignment [Inventors to CR]#page8.tif source=68EB-298700-P_US_WO_Executed Assignment [Inventors to CR]#page10.tif source=68EB-298700-P_US_WO_Executed Assignment [Inventors to CR]#page11.tif source=68EB-298700-P_US_WO_Executed Assignment [Inventors to CR]#page12.tif source=68EB-298700-P_US_WO_Executed Assignment [Inventors to CR]#page12.tif source=68EB-298700-P_US_WO_Executed Assignment [Inventors to CR]#page13.tif source=68EB-298700-P_US_WO_Executed Assignment [Inventors to CR]#page13.tif source=68EB-298700-P_US_WO_Executed Assignment [Inventors to CR]#page13.tif source=68EB-298700-P_US_WO_Executed Assignment [Inventors to CR]#page13.tif

ASSIGNMENT

Application No.: 62/796,018 Filing Date: January 23, 2019

WHEREAS, Eleen Shum, Katherine Lazaruk, Dennis E. Prosen, Devon Jensen, David Rosenfeld, Janice H. Lai, James Ghadiali, and Christina Chang residing in San Jose, CA (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

OLIGONUCLEOTIDES ASSOCIATED WITH ANTIBODIES

and

WHEREAS, Cellular Research, Inc., a Corporation (hereinafter called "Assignee"), is desirous of acquiring the entire right, title and interest therein.

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the premises and in acknowledgment, confirmation and performance of obligations which arose out of the terms and conditions of Assignors' employment by Assignee at the time the invention was made, and other valuable considerations to them, the receipt and sufficiency of which are hereby acknowledged, Assignors have assigned, and transferred, and do hereby assign, and transfer unto said Assignee the entire right, title, and interest in and to all said inventions and discoveries disclosed in said application, whose identification above by serial number and filing date, is hereby authorized, and in and to said application, all substitutions, divisions, provisionals, conversions of provisionals and continuations or continuations-in-part, thereof, and in and to all Letters Patents, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made; and

Assignors hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue said Letters Patent in accordance with this Agreement; and

For the consideration aforesaid, Assignors covenant and agree with said Assignee that they have a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns; and

For the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and

Page 1 of 9

BD Docket No. P-15958@ (BDCRL060PR)

discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection of the inventions and discoveries or that may be necessary to vest in Assignee the complete title to the inventions and discoveries and patents hereby conveyed and to enable it to record title.

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals on the dates subscribed below.

	9127
	Eleen Shum DATE: 27 2020
STATE OF)	
COUNTY OF)	
BE IT REMEMBERED, that on this 20 before me, a Notary Public, personally is the person named in and who executed the having first made known to him/her the conhe/she signed, sealed, and delivered the same uses and purposes therein expressed.	y appeared Eleen Shum, who I am satisfied foregoing instrument in my presence, I and tents thereof, he/she did acknowledge that e as his/her voluntary act and deed for the
	Notary Public My Commission Expires:
Witnessed by (Signature):	
Witnessed by (Print Name):	Janius Lai
	DATE: 1/27/2020
	DALE YEST

Page 2 of 9

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals on the dates subscribed below.

		·	Katherind Dazaruk
			DATE: 03/11/2019
TATE OF .)	
COUNTY O	F)	SS .
10, befo atisfied is vresence, I vcknowledg	re me, a Notary the person name and having first	Public, personally d in and who ex made known to I ed, sealed, and de	day of, appeared Katherine Lazaruk, who I am secuted the foregoing instrument in my sim/her the contents thereof, he/she did livered the same as his/her voluntary act ssed.
8.			Notary Public My Commission Expires:
	Witnessed by (Si	gnature):	
	Witnessed by (Pr	rint Name):	
			DATE:
		1	s we staded I the

Page 3 of 9

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

on <u>Mar/L II, 7019</u>	before me, <u>√≪N / E + † ₹/-∠- , No taru - P⊷N ∠-</u> (insert name and title of the officer)
personally appeared Lall	on land
who proved to me on the basis subscribed to the within instrum	of satisfactory evidence to be the person(s) whose name(s) is/are nent and acknowledged to me that he/she/they executed the same in y(les), and that by his/her/their signature(s) on the instrument the
	shalf of which the person(s) acted, executed the instrument.
person(s), or the entity upon be	half of which the person(s) acted, executed the instrument.
person(s), or the entity upon be	
person(s), or the entity upon be I certify under PENALTY OF PE	Shalf of which the person(s) acted, executed the instrument. ERJURY under the laws of the State of California that the foregoing

IN TESTIMONY WHEREOF, Ass. on the dates subscribed below.	ignors have hereunto set their hands and seals
	Dennis E. Prosen DATE: March U, 2019
STATE OF	
COUNTY OF	<i>\$\$</i> ;
	n to him/her the contents thereof, he/she did nd delivered the same as his/her voluntary act expressed.
	Notary Public My Commission Expires:
Witnessed by (Signature):	
Witnessed by (Print Name); _	
	PIG. Ga Atalat. J. Hope.

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

On <u>Nort 11, 2</u>	411	before me,	Janice	Abb.	Netzny	Philip
			(insert na	me and tit	le of the offi	cer)
personally appeared	DENING	100,00				
who proved to me an t						
nis/her/their authorized person(s), or the entity	l capacity(ies upon behalf), and that by of which the _l	his/her/their person(s) ac	signature ed, execu	(s) on the in ted the instr	strument the rument.
subscribed to the within is/her/their authorized person(s), or the entity artify under PENAL1 paragraph is true and o	l capacity(ies upon behalf IY OF PERJU), and that by of which the _l	his/her/their person(s) ac	signature ed, execu	(s) on the in ted the instr	strument the rument.

BD Docket No. P-15958@ (BDCRL060PR)

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals on the dates subscribed below.

	2	
	· · · · · · · · · · · · · · · · · · ·	Devon Jensen
		DATE: 11 May 2014
2017000001790092000000000000000000000000		
STATE OF)	em
COUNTY	¥)	\$8£
BE	IT REMEMBERED, that on thi	is day of,
	r the uses and purposes therein exp	delivered the same as his/her voluntary act oressed. Notary Public My Commission Expires:
	Witnessed by (Signature):	
	Witnessed by (Print Name):	<u> </u>
		DATE:
		DIC CO. March 2d T. Halk.

Page 5 of 9

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

On Naval II, 249 before	me, <u>Janias Hare, Nature, Rabic.</u> (insert name and title of the officer)
	(insert name and title of the officer)
personally appeared DAM JANGA	
	knowledged to me that he/she/they executed the same in
	that by his/her/their signature(s) on the instrument the charter that the person(s) acted, executed the instrument.
person(s), or the entity upon behalf of which is certify under PENALTY OF PERJURY UNDER PENALTY OF PENAL	
person(s), or the entity upon behalf of whice	the person(s) acted, executed the instrument. Inder the laws of the State of California, that the foregoing State of California, the foregoi
person(s), or the entity upon behalf of which is certify under PENALTY OF PERJURY UNDER PENALTY OF PENALTY OF PENALTY OF PERJURY UNDER PENALTY OF	ch the person(s) acted, executed the instrument.

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals on the dates subscribed below.

	David Rosenfeld
	DATE; June 15, 2020
NCE OF	
OUNTY OF	
BE IT REMEMBERED, that on thi	is day of
esence, I and having first made known w knowledge that he/she signed, sealed, and i	thim/her the contents thereof, he/she did deltwered the same as his/her voluntary ac
esence, I and having first made known w knowledge that he/she signed, sealed, and i	thim/her the contents thereof, he/she did deltwered the same as his/her voluntary ac
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resence, I and having first made known w knowledge that he/she signed, sealed, and i	him/her the contents thereof, he/she dic deltwered the same as his/her voluntary ac pressed. Notary Public
wispea is the person namea in and who resence, I and having first made known to knowledge that he/she signed, sealed, and and deed for the uses and purposes therein exp	deltwered the same as his/her voluntary actoressed. Notary Public
resence, I and having first made known to knowledge that he/she signed, sealed, and and deed for the uses and purposes therein exp	him/her the contents thereof, he/she did deltvered the same as his/her voluntary ac pressed. Notary Public

Page 6 of 9

REEL: 053031 FRAME: 0673

Application No.: 62/796,018

BD Docket No. P-15958@ (BDCRL060PR)

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals on the dates subscribed below.

	4
	Janice H. Lai
# <u>.</u>	DATE: 3/11/19
STATE OF	
	SX
COUNTY OF	thisday of,
	to him/her the contents thereof, he/she did addivered the same as his/her voluntary act expressed. Notar Public
	My Commission Expires:
Witnessed by (Signature):	
Witnessed by (Print Name): _	
	DATE:
	Place attended to une

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California County of ANTA					-exc -or -or	
on <u>NAA 11,</u> 3	///	oefore me,	Janua 1		ng Phillic	s
			(insert name	and title of the	ne*officer)	
personally appeared	Janico	M				
who proved to me or subscribed to the wit his/her/their authorize	hin instrument a	and acknowled	lged to me tha	it he/she/they		ame ir
person(s), or the ent I certify under PENA	ity upon behalf o LTY OF PERJU	of which the po	erson(s) acted	, executed the		going
person(s), or the ent	ity upon behalf i LTY OF PERJU d correct.	of which the policy and a second seco	erson(s) acted	, executed the		going

Application No.: 62/796,018

BD Docket No. P-15958@ (BDCRL060PR)

	l TESTIMONY e dates subscribe		signors have hereunto set their hands and
			XVVV.
) James Ghadiali
			DATE: 3/1/19
STATE OF	N .)	
The state of the s		·	\$\$.
COUNTY	QF		
20, bej satisfied is presence, acknowled	fore me, a Nota t the person na I and having fir ge that he/she si	ry Public, perso med in and who est made known	his day of, mally appeared James Ghadiali, who I am executed the foregoing instrument in my to him/her the contents thereof, he/she did delivered the same as his/her voluntary act spressed.
			The state of the s
			Notary Public
			My Commission Expires:
	Witnessed by	(Signature):	Dome tour
	Witnessed by	(Print Name):	Gary Fielding
			DATE: 3/1/2019

Application No.: 62/796,018

BD Docket No. P-15958@ (BDCRL060PR)

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals on the dates subscribed below.

	Christina Chang
	DATE: 7 / 11 1 9
erare ov	in the second se
SIAIE VE	
COUNTY OF	<u> </u>
BEX	REMEMBERED, that on this day of me, a Notary Public, personally appeared Christina Chang, who I ar
acknowledge	nd having first made known to him/her the contents thereof, he/she di that he/she signed, sealed, and delivered the same as his/her voluntary ac he uses and purposes therein expressed. Notary Public
	My Commission Expires:
	Witnessed by (Signature);
	Witnessed by (Print Name):
	DATE:
29964923	
	11, 1, 46AJ, J.HKC

Page 9 of 9

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

validity of that document.						
State of California County of <u>Gast</u> る <u>パロラム</u>)				
on <u>nad 11, 2019</u>	before me,	Janize		Ndary		
		(insert r	name and	title of the b	fficer)	
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his/her/their authorized capacity(
		w asaeraa	air sionatii	Reservation true		14-3
						1165
person(s), or the entity upon beh	alf of which the	a person(s) s	acted, exe	cuted the ins	strument.	
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PATENT REEL: 053031 FRAME: 0678

RECORDED: 06/24/2020