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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER A. POHL	07/11/2019
XIAODONG LIU	10/08/2019
SHANHUA LIN LIEHR	07/11/2019

RECEIVING PARTY DATA

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State/Country:	CALIFORNIA	
Postal Code:	94085	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16477752

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	AMANDA IVEY
SIGNATURE:	/Amanda Ivey/
DATE SIGNED:	10/18/2019

Total Attachments: 5

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> **PATENT** REEL: 050761 FRAME: 0595

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PATENT REEL: 050761 FRAME: 0596

ASSIGNMENT

WHEREAS WE, Christopher A. POHL of Union City, California; Xiaodong LIU of Cupertino, California; and Shanhua Lin LIEHR of Palo Alto, California, have invented certain new and useful improvements, entitled MULTIMODAL CHROMATOGRAPHIC MEDIA FOR PROTEIN SEPARATION for which invention we have executed an application for Letters Patent in the United States that is filed on January 18, 2018, as US Patent Application S/N 16/477,752 with the U.S. Patent and Trademark Office which discloses and identifies the invention, and is a 371 national phase of PCT/US2018/014284, filed January 18, 2018, and which claims priority to US provisional patent application no. 62/448,397, filed January 20, 2017.

Whereas, DIONEX CORPORATION, a corporation formed in the State of Delaware, having a place of business at 1228 Titan Way, Sunnyvale, California 94085, (hereinafter referred to as assignee) is desirous of acquiring the entire right, title, and interest in and to said invention, said application and the Letters Patent to be obtained therefor;

Now, therefore, for good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we hereby sell, assign, and set over unto the assignee and said assignee's successors, assigns, and designees, the entire right, title, and interest in and to said invention, said application, and the Letters Patent, both foreign and domestic, that may or shall issue thereon; and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the abovementioned assignee.

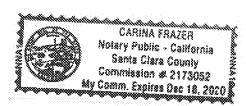
We hereby authorize the above-mentioned assignee or its legal representative to insert in this instrument the filing date and serial number of our said application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Upon said consideration, we convey to said assignee the right to make application in its own behalf for protection of said invention in countries foreign to the United States and where expedient to claim under the International Convention or other international arrangement for any such application the date of said United States application (or other application if any there be) in priority to other applications; and we do hereby covenant and agree with the said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will at any time upon request, at the expense of the said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, renewal, continuation, continuation-in-part, reissued or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chose in action accruing as a result of such application or patents, by giving testimony in any proceedings or transactions involving such application or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of both parties. We hereby agree that the transfer of rights made by this instrument is effective as of the filing date of the application written above.

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PATENT REEL: 050761 FRAME: 0597

FOR THE ASSIGNORS:	
IN WITNESS WHEREOF, I hereto set my hand and seal on	20 <i>7\$</i> .
Chigan a-Bal	
Christopher A. POHL	
A notary public or other officer completing this certificate verifies only the identity on who signed the document to which this certificate is attached, and not the truthfulnes walidity of that document.	
State of CALIFORNIA :	
County of Santa Clara :	
County of Banta Ciara .	
On July 11, 2019 before me, Carina Frazer, Notary Public, pers Christopher A. POHL who proved to me on the basis of satisfactory evidence to be the name is subscribed to the within instrument and acknowledged to me that he executed his authorized capacity, and that by his signature on the instrument the person, or behalf of which the person acted, executed the instrument.	ne person whose uted the same in
I certify under PENALTY OF PERJURY under the laws of the State of CALIFO	ORNIA that the
foregoing paragraph is true and correct.	
WITNESS my hand and official seal.	
Signature: Carried France	
Signature: Canica Franc My commission expires: 20, 2020	(Seal)



10/08/2019 Date

I swear (or affirm) that the signature abov	e is true to the best of my knowledge or belief.
der	10/08/2019
Witness Signature	Date /
Qin Liu	10167 Camberley Ln. Cupertino, CA 95011
Witness Name	Address of execution

Xiaedeng LIU, Assignor

IN WITNESS WHEREOF, I hereto set my hand and seal on July 11th, 2019.
Aluku Li
Shanhua Lin LIEHR
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 South Class.:
On Shanhua Lin LIEHR who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of CALIFORNIA that the foregoing paragraph is true and correct. WITNESS my hand and official seal.
Signature: Carus Caller My commission expires: Lac. 18, 2020 (Seal)



FOR THE ASSIGNEE:

As an authorized representative of the Assignee, I hereby accept the assignment on behalf of the Assignee according to the terms set forth above.

Signature of authorized representative

Timothy J. Ohara

Authorized Attorney

RECORDED: 10/18/2019

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