PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7206366

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CELSEE, INC.	09/24/2020

RECEIVING PARTY DATA

Name:	BIO-RAD LABORATORIES, INC.
Street Address:	1000 ALFRED NOBEL DRIVE
City:	HERCULES
State/Country:	CALIFORNIA
Postal Code:	94547

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17686229

CORRESPONDENCE DATA

Fax Number:

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: 888-775-9990
Email: Docketing@Schox.com
Correspondent Name: SCHOX PC / BIO-RAD
Address Line 1: 501 3RD STREET, SUITE 300
Address Line 4: SAN FRANCISCO, CALIFORNIA 94107

ATTORNEY DOCKET NUMBER:	NOVO-P01-US23
NAME OF SUBMITTER:	KRISTA THOMPSON
SIGNATURE:	/Krista Thompson/
DATE SIGNED:	03/03/2022

Total Attachments: 7
source=Executed Assignment_Celsee Inc. to Bio-Rad Laboratories Inc._24SEPT2020#page1.tif
source=Executed Assignment_Celsee Inc. to Bio-Rad Laboratories Inc._24SEPT2020#page2.tif
source=Executed Assignment_Celsee Inc. to Bio-Rad Laboratories Inc._24SEPT2020#page3.tif
source=Executed Assignment_Celsee Inc. to Bio-Rad Laboratories Inc._24SEPT2020#page4.tif
source=Executed Assignment_Celsee Inc. to Bio-Rad Laboratories Inc._24SEPT2020#page5.tif
source=Executed Assignment_Celsee Inc. to Bio-Rad Laboratories Inc._24SEPT2020#page6.tif

source=Executed Assignment_Celsee Inc. to Bio-Rad Laboratories Inc._24SEPT2020#page7.tif

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, **Celsee, Inc,** a Delaware corporation, having a place of business at 100 Phoenix Dr., Suite 321, Ann Arbor, MI 48108 ("ASSIGNOR") has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Bio-Rad Laboratories, Inc.** a Delaware corporation, having a place of business at 1000 Alfred Nobel Drive, Hercules, California 94547 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the patent applications and patents listed in Exhibit 1 attached hereto ("ASSIGNED PATENTS"); and

2. The entire worldwide right, title, and interest in and to:
(a) the ASSIGNED PATENTS; (b) all applications claiming priority from the ASSIGNED PATENTS; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto that have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) that may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the ASSIGNED PATENTS and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

ASSIGNOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

ASSIGNOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. ASSIGNOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

ASSIGNOR represents that ASSIGNOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that ASSIGNOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

ASSIGNOR: Celsee, Inc.
ASSIGNEE: Bio-Rad Laboratories, Inc.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Name and Signature

Date of Signature

9-24-2020

Name: Timothy Ernst
Title: Vice President

Assignee hereby accepts this Assignment

John J. Cassingham

VP, Assistant General Counsel

Dated: 9/24/2020

Docket			Filing Date	Application No.	Publication No.	Patent No.	Title
NOVO	P01	PRV	1-Aug-2011	61/513,765			An integrated, flexible microfluidic platform to capture and isolate rare cells from bodily fluids
NOVO	P01	US	25-Jul-2012	13/557,510	US-2013-0190212-A1	9,103,754	CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	US2	28-Jan-2015	14/607,928	US-2015-0204766-A1	9,513,195	CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	US3	25-Oct-2016	15/333,420	US-2017-0038292-A1	9,746,413	CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	US4	24-Jul-2017	15/657,553	US-2017-0322142-A1	10,345,219	CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	US5	27-Jul-2018	16/048,073	US-2018-0364147-A1	10,190,965	CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	US6	27-Jul-2018	16/048,104	US-2018-0364148-A1	10,481,077	CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	US7	22-May-2019	16/419,254	US-2019-0271634-A1	10,408,736	CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	US8	30-May-2019	16/426,322	US-2019-0293548-A1	10,416,070	CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	US9	17-Jun-2019	16/443,140	US-2019-0302001-A1	10,408,737	CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	US10	16-Jul-2019	16/513,580		10,436,700	CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	US11	8-Aug-2019	16/536,155	US-2019-0369004-A1	10,481,077	CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	US12	11-Oct-2019	16/599,704	US-2020-0041402-A1	10,533,936	CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	US13	11-Nov-2019	16/679,639	US-2020-0072733-A1		CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	US14	22-Nov-2019	16/691,933		10,591,404	CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	US15	31-Mar-2020	16/835,693			CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	US16	9-Jul-2020	16/924,492			CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	US17	15-Jul-2020	16/929,427		10,782,226	CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	US18	27-Aug-2020	17/005,159			CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	US19	28-Aug-2020	17/005,612			CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	PCT	25-Jul-2012	PCT/US12/48060	WO2013019491		CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	CA	27-Jan-2014	2,842,359			CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	CN	25-Jul-2012	201280048442.2	103998394	201280048442.2	CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	EP	25-Jul-2012	12819758.9	2739587		CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	DE	25-Jul-2012	12819758.9			CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	UK	25-Jul-2012	12819758.9			CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	ES	25-Jul-2012	12819758.9			CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	FR	25-Jul-2012	12819758.9			CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P01	IN	25-Jul-2012	1428/DELNP/2014	42125		CELL CAPTURE SYSTEM AND METHOD OF USE
NOVO	P02	PRV	26-Jan-2013	61/757,139			MICROFLUIDIC PLATFORM FOR MULTIPLEXED MOLECULAR ANALYSIS OF SINGLE CELL CTCS
NOVO	P02	US1	24-Jan-2014	14/163,253	US-2014-0349867-A1	9,606,102	SYSTEM AND METHOD FOR CAPTURING AND ANALYZING CELLS
NOVO	P02	US2	24-Jan-2014	14/163,185	US-2014-0212881-A1	9,752,181	SYSTEM AND METHOD FOR CAPTURING AND ANALYZING CELLS
NOVO	P02	US3	28-Nov-2016	15/362,565	US-2017-0073745-A1		SYSTEM AND METHOD FOR CAPTURING AND ANALYZING CELLS
NOVO	P02	US4	30-Jul-2018	16/048,875	US-2018-0334706-A1		SYSTEM AND METHOD FOR CAPTURING AND ANALYZING CELLS
NOVO	P02	US5	30-Jul-2018	16/049,057	US-2019-0144931-A1		SYSTEM AND METHOD FOR CAPTURING AND ANALYZING CELLS
NOVO	P03	PRV	26-Jan-2013	61/757,141			ISOLATION AND MOLECULAR CHARACTERIZATION OF CANCER STEM CELLS USING A MICROFLUIDIC BASED CHIP SYSTEM
NOVO	P04	PRV	13-Mar-2013	61/779,049			SYSTEM AND METHOD FOR CAPTURING AND ANALYZING CELLS
NOVO	P04	PRV2	31-May-2013	61/829,528			SYSTEM AND METHOD FOR CAPTURING AND ANALYZING CELLS

NOVO	P04	PRV3	22-Oct-2013	61/894,150			SYSTEM AND METHOD FOR CAPTURING AND ANALYZING CELLS
NOVO	P04	US	13-Mar-2014	14/208,298	US-2014-0272965-A1	9,174,216	SYSTEM FOR CAPTURING AND ANALYZING CELLS
NOVO	P04	US2	23-Sep-2015	14/863,191	US-2016-0008814-A1	9,610,581	SYSTEM AND METHOD FOR CAPTURING AND ANALYZING CELLS
NOVO	P04	US3	14-Feb-2017	15/431,977	US-2017-0151568-A1	9,802,193	SYSTEM FOR CAPTURING AND ANALYZING CELLS
NOVO	P04	US4	29-Sep-2017	15/720,194	US-2018-0022782-A1	9,925,538	SYSTEM FOR CAPTURING AND ANALYZING CELLS
NOVO	P05	PRV	13-Mar-2013	61/779,090			SYSTEM FOR IMAGING CAPTURED CELLS
NOVO	P05	PRV2	11-Nov-2013	61/902,431			SYSTEM FOR IMAGING CAPTURED CELLS
NOVO	P05	US	13-Mar-2014	14/208,458	US-2014-0273194-A1	9,404,864	SYSTEM FOR IMAGING CAPTURED CELLS
NOVO	P05	US2	30-Jun-2016	15/199,245	US-2016-0341666-A1	9,612,199	SYSTEM FOR IMAGING CAPTURED CELLS
NOVO	P05	US3	13-Feb-2017	15/430,893	US-2017-0153219-A1	10,509,022	SYSTEM FOR IMAGING CAPTURED CELLS
NOVO	P05	US4	1-Oct-2019	16/589,778	US-2020-0033318-A1		SYSTEM FOR IMAGING CAPTURED CELLS
NOVO	P05	US5	14-May-2020	15/931,928	US-2020-0271637-A1		SYSTEM FOR IMAGING CAPTURED CELLS
NOVO	P06	PRV	31-May-2013	61/829,537			System and Method for Analyzing Single Cells
NOVO	P06	US	28-May-2014	14/289,155	US-2014-0357511-A1	9,856,535	SYSTEM FOR ISOLATING CELLS
NOVO	P06	US2	22-Nov-2017	15/821,329	US-2018-0094324-A1	10,533,229	SYSTEM AND METHOD FOR ISOLATING AND ANALYZING CELLS
NOVO	P06	US3	6-Dec-2019	16/706,254			SYSTEM AND METHOD FOR ISOLATING AND ANALYZING CELLS
NOVO	P08	PRV	20-Mar-2015	62/136,143			SYSTEM AND METHOD FOR CAPTURING AND ANALYZING CELLS
NOVO	P08	US	18-Mar-2016	15/074,054	US-2016-0199838-A1	9,707,562	SYSTEM FOR CAPTURING AND ANALYZING CELLS
NOVO	P08	US2	24-Feb-2017	15/442,050	US-2017-0151569-A1	9,823,321	SYSTEM FOR CAPTURING AND ANALYZING CELLS
NOVO	P08	US3	12-Oct-2017	15/782,270	US-2018-0036731-A1	10,350,601	SYSTEM AND METHOD FOR CAPTURING AND ANALYZING CELLS
NOVO	P08	US4	22-May-2019	16/419,485	US-2019-0270085-A1		SYSTEM AND METHOD FOR CAPTURING AND ANALYZING CELLS
NOVO	P09	PRV	24-Feb-2016	62/299,427			SYSTEM AND METHOD FOR ISOLATING AND ANALYZING CELLS
NOVO	P09	PRV2	17-Nov-2016	62/423,322			SAMPLE PROCESSING SUBSTRATE AND SAMPLE ANALYSIS METHODS
NOVO	P09	US	24-Feb-2017	15/442,222	US-2017-0157610-A1	10,391,490	SYSTEM AND METHOD FOR ISOLATING AND ANALYZING CELLS
NOVO	P09	US2	30-Jul-2018	16/049,173	US-2018-0333723-A1	10,512,914	SYSTEM FOR ISOLATING AND ANALYZING CELLS IN A SINGLE-CELL FORMAT
NOVO	P09	US3	30-Jul-2018	16/049,240	US-2018-0353962-A1	10,449,543	SYSTEM AND METHOD FOR ISOLATING AND ANALYZING CELLS
NOVO	P09	US4	4-Nov-2019	16/673,426	US-2020-0061619-A1		SYSTEM AND METHOD FOR ISOLATING AND ANALYZING CELLS
NOVO	P10	cPRV	17-Nov-2016	62/423,322			SAMPLE PROCESSING SUBSTRATE AND SAMPLE ANALYSIS METHODS
NOVO	P10	cPRV2	14-Aug-2017	62/545,251			SYSTEM AND METHOD FOR CELL ENRICHMENT
NOVO	P10	US	16-Nov-2017	15/815,532	US-2018-0088023-A1	10,466,160	SYSTEM AND METHOD FOR RETRIEVING AND ANALYZING PARTICLES
NOVO	P10	US2	2-Aug-2019	16/530,201	US-2019-0353579-A1	10,564,090	SYSTEM AND METHOD FOR RETRIEVING AND ANALYZING PARTICLES
NOVO	P10	US3	2-Jan-2020	16/732,556			SYSTEM AND METHOD FOR RETRIEVING AND ANALYZING PARTICLES
NOVO	P10	US4	18-Sep-2020	17/025,326			SYSTEM AND METHOD FOR RETRIEVING AND ANALYZING PARTICLES

NOVO	P10	PCT	16-Nov-2017	PCT/US17/62099			SAMPLE PROCESSING SUBSTRATE AND SAMPLE ANALYSIS METHODS
NOVO	P10	CN	16-Nov-2017	201780071466.2	CN 110191756 A		SAMPLE PROCESSING SUBSTRATE AND SAMPLE ANALYSIS METHODS
NOVO	P10	EP	16-Nov-2017	17870734.5			SAMPLE PROCESSING SUBSTRATE AND SAMPLE ANALYSIS METHODS
NOVO	P11	cPRV	29-Aug-2017	62/551,575			CELSEE HIGH THROUGHOUT SINGLE CELL mRNA SEQUENCING LIBRARY PREP PROCESS
NOVO	P11	cPRV2	25-May-2018	62/676,750			CELSEE HIGH THROUGHOUT SINGLE CELL mRNA SEQUENCING LIBRARY PREP PROCESS
NOVO	P11	US1	28-Aug-2018	16/115,059	US-2019-0064168-A1	10,391,492	SYSTEM AND METHOD FOR ISOLATING AND ANALYZING CELLS
NOVO	P11	US2	28-Aug-2018	16/115,370	US-2019-0060902-A1	10,391,493	SYSTEM AND METHOD FOR ISOLATING AND ANALYZING CELLS
NOVO	P11	US3	10-Jul-2019	16/507,905	US-2019-0336975-A1		SYSTEM AND METHOD FOR ISOLATING AND ANALYZING CELLS
NOVO	P11	US4	13-Feb-2020	16/790,583			SYSTEM AND METHOD FOR ISOLATING AND ANALYZING CELLS
NOVO	P11	PCT	28-Aug-2018	PCT/US18/48353	WO 2019/046307		SYSTEM AND METHOD FOR ISOLATING AND ANALYZING CELLS
NOVO	P11	AU	28-Aug-2018	2018323449			SYSTEM AND METHOD FOR ISOLATING AND ANALYZING CELLS
NOVO	P11	CA	28-Aug-2018	3,074,461			SYSTEM AND METHOD FOR ISOLATING AND ANALYZING CELLS
NOVO	P11	CN	28-Aug-2018				SYSTEM AND METHOD FOR ISOLATING AND ANALYZING CELLS
NOVO	P11	EP	28-Aug-2018	18850411.2			SYSTEM AND METHOD FOR ISOLATING AND ANALYZING CELLS
NOVO	P11	JP	28-Aug-2018	2020-512888			SYSTEM AND METHOD FOR ISOLATING AND ANALYZING CELLS
NOVO	P12	PRV	16-Apr-2019	62/834,824			System and Method for Leakage Control in a Cell Capture System
NOVO	P12	US	9-Sep-2019	16/564,375			SYSTEM AND METHOD FOR LEAKAGE CONTROL IN A PARTICLE CAPTURE SYSTEM
NOVO	P12	US1	17-Mar-2020	16/821,644			SYSTEM AND METHOD FOR LEAKAGE CONTROL IN A PARTICLE CAPTURE SYSTEM
NOVO	P12	PCT	16-Mar-2020	PCT/US20/22902			SYSTEM AND METHOD FOR LEAKAGE CONTROL IN A PARTICLE CAPTURE SYSTEM
NOVO	P13	PRV	7-May-2019	62/844,470			SYSTEM AND METHOD FOR AUTOMATED SINGLE CELL CAPTURE AND PREPARATION
NOVO	P13	US1	5-May-2020	16/867,235			SYSTEM AND METHOD FOR AUTOMATED SINGLE CELL PROCESSING
NOVO	P13	US2	5-May-2020	16/867,256			SYSTEM AND METHOD FOR AUTOMATED SINGLE CELL PROCESSING
NOVO	P13	PCT	5-May-2020	PCT/US20/31502			SYSTEM AND METHOD FOR AUTOMATED SINGLE CELL PROCESSING
NOVO	P14	PRV	26-Jun-2019	62/866,726			SYSTEM AND METHOD FOR TARGET MATERIAL RETRIEVAL FROM MICROWELLS
NOVO	P14	US	19-Jun-2020	16/906,337			SYSTEM AND METHOD FOR TARGET MATERIAL RETRIEVAL FROM MICROWELLS
NOVO	P14	PCT	19-Jun-2020	PCT/US20/38647			SYSTEM AND METHOD FOR TARGET MATERIAL RETRIEVAL FROM MICROWELLS

NOVO	P15	cPRV	14-Jun-2019	62/861,826	A NOVEL, INTEGRATED, MASSIVELY SCALED "SAMPLE-TO-RESULTS" SYSTEM FOR SINGLE CELL BIOMARKER ANALYSIS USING MULTIPLEXED BARCODED OLIGONUCLEOTIDE FLUORESCENCE PROBES
NOVO	P15	US	2-Jun-2020	16/890,417	SYSTEM AND METHOD FOR AUTOMATED SINGLE CELL PROCESSING AND ANALYSES
NOVO	P15	PCT	2-Jun-2020	PCT/US20/35704	SYSTEM AND METHOD FOR AUTOMATED SINGLE CELL PROCESSING AND ANALYSES
NOVO	P16	cPRV	30-Sep-2019	62/907,791	NOVEL, INTEGRATED, MASSIVELY SCALED "SAMPLE-TO-RESULTS" SYSTEM AND METHOD FOR SINGLE CELL TRANSCRIPTOMIC ANALYSIS
NOVO	P17	PRV	6-Dec-2019	62/945,006	SAMPLE PROCESSING BARCODED BEAD COMPOSITION, METHOD, MANUFACTURING AND SYSTEM
NOVO	P18	US	12-Mar-2020	16/816,817	SYSTEM AND METHOD FOR RECEIVING AND DELIVERING A FLUID FOR SAMPLE PROCESSING

CALIFORNIA ACKNOWLEDGMENT CIVIL CODE § 1189

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 Contra Costa

On 9-24-2020 (Date) before me, A. RUEDAS, Notary Public (Here Insert Name and Title of the Officer)

personally appeared Timothy Grant and John Cunningham (Name(s) of Signer(s))

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

A. RUEDAS
Notary Public - California
Contra Costa County
Commission # 2244743
My Comm. Expires Jun 1, 2022

Place Notary Seal and/or Stamp Above

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 _____ (Signature of Notary Public)

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: Assignment - Cobre Inc. to Bi-Ad Laboratories, Inc.

Document Date: 9-24-2020 Number of Pages: 6

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: Timothy Grant	Signer's Name: John Cunningham
☒ Corporate Officer – Title(s): Vice President	☒ Corporate Officer – Title(s): Vice President
☐ Partner – ☐ Limited ☐ General	☐ Partner – ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact	☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator	☐ Trustee ☐ Guardian or Conservator
☐ Other:	☐ Other:
Signer is Representing: Cobre Inc.	Signer is Representing: Bi-Ad Laboratories, Inc.