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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
BIO-RAD LABORATORIES, INC.	04/22/2021

RECEIVING PARTY DATA

Name:	AKONNI BIOSYSTEMS
Street Address:	400 SAGNER AVENUE
Internal Address:	SUITE 300
City:	FREDERICK
State/Country:	MARYLAND
Postal Code:	21701

PROPERTY NUMBERS Total: 4

Property Type	Number
Application Number:	16140171
Application Number:	12886144
Application Number:	13765399
Application Number:	14978562

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.

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ATTORNEY DOCKET NUMBER: 2001-007CT4(34217/125285)	
NAME OF SUBMITTER:	MICHAEL YE
SIGNATURE:	/Michael Ye/
DATE SIGNED:	05/05/2021

Total Attachments: 2

PATENT REEL: 056143 FRAME: 0345 source=Bio_Rad_Lab_to_Akonni_Assignment_Executed#page1.tif source=Bio_Rad_Lab_to_Akonni_Assignment_Executed#page2.tif

PATENT REEL: 056143 FRAME: 0346

Assignment

WHEREAS, Bio-Rad Laboratories, Inc. (hereinafter referred to as "ASSIGNOR"), having a place of business at: 1000 Alfred Nobel Drive, Hercules, CA 94547, is the owner of the entire right, title and interest in the patents and patent applications set forth in Schedule A attached hereto and the inventions claimed therein (the "Invention"); and

WHEREAS, Akonni Biosystems (hereinafter referred to as "ASSIGNEE"), having a place of business at: 400 Sagner Avenue, Suite 300, Frederick, Maryland 21701, is desirous of acquiring the full and exclusive right in and to said Invention and all documents and things relating to the conception, reduction to practice and/or practice of the Invention (the "Related Documents") and the entire right, title and interest in and to said U.S. Patent Application and any Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE THOUSAND DOLLARS (\$5,000.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR, by these presents, does sell, assign and transfer unto said ASSIGNEE the full and exclusive right in and to said Invention and Related Documents in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest, including but not limited to all rights pursuant to 35 U.S.C. §154, in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possession and in any and all foreign countries and in and to any and all divisions, continuations, substitutions, renewals, re-examination, extension and reissues thereof.

ASSIGNOR hereby authorizes and requests the Patent Office Officials in the United States and its territorial possessions and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE and said ASSIGNEE's successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

The undersigned hereby grant(s) Michael Ye, Ph.D, and the firm of Morris, Manning & Martin, LLP, 1401 I Street, N.W., Suite 600, Washington, DC 20005, the power to insert on this Assignment any further identification, including the application number and filing date, which 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.

ASSIGNOR:	Bio-Rad Labora	tories, Inc.
DATE: 4pril 22, 2021	Janj	and -
	NAME: TITLE:	John J. Cassingham VP, Assistant General Counsel
ASSIGNEE'S:	Akonni Biosyste	ems
DATE: April 19, 2021	NAME Jon Da	vis

TITLE: President

PATENT REEL: 056143 FRAME: 0347

Schedule A

Country	Application Number	Filing Date	Application Status	Patent Number	Issue Date
US	61/272,396	21-Sep-2009	Expired		
US	12/886,144	20-Sep-2010	Granted	8,399,190	19-Mar-2013
US	13/765,399	12-Feb-2013	Granted	9,217,174	22-Dec-2016
US	14/978,562	22-Dec-2015	Granted	10,138,458	27-Nov-2018
US	16/140,171	24-Sep-2018	Published		
NL.	16166269.7	20-Sep-2010	Granted	3067112	26-Dec-2018
11	16166269.7	20-Sep-2010	Granted	502019000015169	21-Feb-2019
IN	3431/DELNP/2012	20-Sep-2010	Granted	307972	25-Feb-2019
HK	17103125.3	20-Sep-2010	Published		
HK	13103061.3	12-Mar-2013	Granted	HK1175737	12-Oct-2018
GB	16166269.7	20-Sep-2010	Granted	3067112	26-Dec-2018
FR	16166269.7	20-Sep-2010	Granted	3067112	26-Dec-2018
ES	16166269.7	20-Sep-2010	Granted	ES27-0123	26-Dec-2018
EP	16166269.7	20-Sep-2010	Closed	3067112	26-Dec-2018
DE	60 2010 056 187.9	20-Sep-2010	Granted	3067112	26-Dec-2018
CN	201060042060.X	20-Sep-2010	Granted	ZL 201080042060.X	25-Nov-2015
CN	201510589994.X	20-Sep-2010	Granted	ZL 201510589994.X	07-Apr-2020
CH	16166269.7	20-Sep-2010	Granted	3067112	26-Dec-2018
CA	2,811,872	20-Sep-2010	Granted	2811872	18-Jun-2019
CA	3,041,540	30-Sep-2010	Published		***************************************

PATENT REEL: 056143 FRAME: 0348

RECORDED: 05/05/2021