

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
THU M. NGUYEN	07/24/2023
JINGHUA WEN	07/25/2023
WILLIAM WELCH	07/26/2023
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TRIPLE RING TECHNOLOGIES, INC.
<b>Street Address:</b>	39655 EUREKA DRIVE
<b>City:</b>	NEWARK
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94560
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17647807
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
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<b>ATTORNEY DOCKET NUMBER:</b>	HNDL.P024
<b>NAME OF SUBMITTER:</b>	CHRIS FERREIRA
<b>SIGNATURE:</b>	/Chris Ferreira/
<b>DATE SIGNED:</b>	08/21/2023
<b>Total Attachments: 6</b>	
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source=2023\_07\_26\_HNDL\_P024\_AST\_Welch - Triple Ring#page1.tif  
source=2023\_07\_26\_HNDL\_P024\_AST\_Welch - Triple Ring#page2.tif

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, **Thu M. Nguyen** the undersigned Assignor, believing to be an inventor of any and all new and useful improvements (“Improvements”) disclosed in the below-listed patent application(s) (“Patent Application”),

**SYSTEMS, DEVICES, AND METHODS FOR FLUIDIC PROCESSING OF BIOLOGICAL OR CHEMICAL SAMPLES USING FLEXIBLE FLUIDIC CIRCUITS** filed in the United States Patent and Trademark Office on **January 12, 2022** (“Effective Date”), and having Application No. **17/647,807** (“Patent Application”),

**SYSTEMS, DEVICES, AND METHODS FOR FLUIDIC PROCESSING OF BIOLOGICAL OR CHEMICAL SAMPLES USING FLEXIBLE FLUIDIC CIRCUITS** filed in the United States Patent and Trademark Office on **July 31, 2021** (“Effective Date”), and having Application No. **63/228,023** (“Patent Application”),

**AMBIENT CONTAMINATION IN BREATH ANALYTE DETECTION AND MEASUREMENT** filed in the United States Patent and Trademark Office on **July 30, 2021** (“Effective Date”), and having Application No. **63/203,820** (“Patent Application”),

**FLEXIBLE FLUIDIC CIRCUITS** filed in the United States Patent and Trademark Office on **April 9, 2021** (“Effective Date”), and having Application No. **63/201,062** (“Patent Application”),

**SYSTEMS, DEVICES, AND METHODS FOR FLUIDIC PROCESSING OF BIOLOGICAL OR CHEMICAL SAMPLES** filed in the United States Patent and Trademark Office on **January 18, 2021** (“Effective Date”), and having Application No. **63/199,696** (“Patent Application”),

**SYSTEMS, DEVICES, AND METHODS FOR A SELF-ALIGNING NASAL SWAB AND FLUIDIC SYSTEMS SUITABLE FOR PROCESSING THEREOF** filed in the United States Patent and Trademark Office on **January 12, 2021** (“Effective Date”), and having Application No. **63/199,610** (“Patent Application”),

hereby sell, assign, and transfer to **Triple Ring Technologies, Inc.**, a Corporation having a principal place of business at **39655 Eureka Drive, Newark, California 94560** (“Assignee”), and its successors, assigns, and legal representatives, as of the Effective Date, my entire right, title, and interest for the United States and all foreign countries, in and to the Improvements, and to any and all follow-on applications, whether filed domestically or internationally, that claim priority to the Patent Application or otherwise describe the Improvements, including but not limited to all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications, utility models and the like that have been or shall be filed in the United States and any and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on the Improvements; and in and to all rights of priority resulting from the filing of the Patent Application; and the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such foreign applications are entitled under international conventions, treaties or otherwise.

By execution of this Assignment, I agree that the Assignee possesses, and has possessed as of the Effective Date, the right to apply for and receive a patent or patents for said improvements in its own name. At the request of the Assignee, its successors, assigns, and legal representatives, when to carry out in good faith the intent and purpose of this Assignment, I will execute additional assignments, rightful oaths, powers of attorney, and other papers and writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and I will render all necessary assistance in making application for and obtaining all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on the Improvements; execute all as may be required. I further agree to communicate to the Assignee, its successors, assigns, and representatives, all facts known to me relating to the Improvements, the Patent Application, and the history thereof. I agree to generally assist the Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for the Improvements and for vesting title to the Improvements, and all applications for patents and all patents on the Improvements, in said Assignee, its successors, assigns, and legal representatives.

I covenant with the Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by me at any time, and that the full right to convey the Patent Application and the Improvements, and to claim priority to the Patent Application, as herein expressed, is and has been possessed by me up until the Effective Date.

I hereby authorize and request the Officials of the United States Patent and Trademark Office and any and all foreign Patent Offices to issue any and all Letters Patents, when granted, to said Assignee as the assignee of the entire right, title and interest in and to the same, including the right to claim priority to the Patent Application, for the sole use of said Assignee, its successors and assigns, to the full end of the term for which said Letters Patents may be granted.

I hereby grant to Zurvan Mahamedi, Reg. No. 42,828, of Mahamedi IP Law LLP, located 303 Twin Dolphin Dr., 6th Floor, Redwood City, CA 94065, the power to insert on this document any further identification necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

**Inventor/Assignor: Please Sign and Date Below:**

Signature: *Thu Nguyen*  
**Thu M. Nguyen**

Date: 07/24/2023

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, **Jinghua Wen** the undersigned Assignor, believing to be an inventor of any and all new and useful improvements ("Improvements") disclosed in the below-listed patent application(s) ("Patent Application"),

SYSTEMS, DEVICES, AND METHODS FOR FLUIDIC PROCESSING OF BIOLOGICAL OR CHEMICAL SAMPLES USING FLEXIBLE FLUIDIC CIRCUITS filed in the United States Patent and Trademark Office on **January 12, 2022** ("Effective Date"), and having Application No. **17/647,807** ("Patent Application"),

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SYSTEMS, DEVICES, AND METHODS FOR FLUIDIC PROCESSING OF BIOLOGICAL OR CHEMICAL SAMPLES filed in the United States Patent and Trademark Office on **January 18, 2021** ("Effective Date"), and having Application No. **63/199,696** ("Patent Application"),

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hereby sell, assign, and transfer to **Triple Ring Technologies, Inc.**, a Corporation having a principal place of business at **39655 Eureka Drive, Newark, California 94560** ("Assignee"), and its successors, assigns, and legal representatives, as of the Effective Date, my entire right, title, and interest for the United States and all foreign countries, in and to the Improvements, and to any and all follow-on applications, whether filed domestically or internationally, that claim priority to the Patent Application or otherwise describe the Improvements, including but not limited to all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications, utility models and the like that have been or shall be filed in the United States and any and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on the Improvements; and in and to all rights of priority resulting from the filing of the Patent Application; and the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such foreign applications are entitled under international conventions, treaties or otherwise.

By execution of this Assignment, I agree that the Assignee possesses, and has possessed as of the Effective Date, the right to apply for and receive a patent or patents for said improvements in its own name. At the request of the Assignee, its successors, assigns, and legal representatives, when to carry out in good faith the intent and purpose of this Assignment, I will execute additional assignments, rightful oaths, powers of attorney, and other papers and writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and I will render all necessary assistance in making application for and obtaining all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on the Improvements; execute all as may be required. I further agree to communicate to the Assignee, its successors, assigns, and representatives, all facts known to me relating to the Improvements, the Patent Application, and the history thereof. I agree to generally assist the Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for the Improvements and for vesting title to the Improvements, and all applications for patents and all patents on the Improvements, in said Assignee, its successors, assigns, and legal representatives.

I covenant with the Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by me at any time, and that the full right to convey the Patent Application and the Improvements, and to claim priority to the Patent Application, as herein expressed, is and has been possessed by me up until the Effective Date.

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I hereby grant to Zurvan Mahamedi, Reg. No. 42,828, of Mahamedi IP Law LLP, located 303 Twin Dolphin Dr., 6th Floor, Redwood City, CA 94065, the power to insert on this document any further identification necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

**Inventor/Assignor: Please Sign and Date Below:**

Signature:   
Jinghua Wen

Date: 07/25/2023

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, **William Welch** the undersigned Assignor, believing to be an inventor of any and all new and useful improvements (“Improvements”) disclosed in the below-listed patent application(s) (“Patent Application”),

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**Inventor/Assignor: Please Sign and Date Below:**

Signature:   
William Welch

Date: 7/26/23