PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
MONIKA IWONA SUWARA	04/29/2020
SAJID JAVED	05/23/2020
ELIZABETH ANN GILLIES	04/29/2020

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16245190

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	WPTH025.001C1	
NAME OF SUBMITTER:	RAYMOND D. SMITH	
SIGNATURE: /Raymond D. Smith/		
DATE SIGNED:	07/01/2020	
This document serves as an Oath/Declaration (37 CFR 1.63).		

Total Attachments: 5

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PATENT 506134846 REEL: 053101 FRAME: 0706

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COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: WPTH025.001C1 Page 1 of 5

Title: NUCLEIC ACID PROBE WITH SINGLE FLUOROPHORE LABEL BOUND TO INTERNAL

CYTOSINE FOR USE IN LOOP MEDIATED ISOTHERMAL AMPLIFICATION

Inventors: Monika Iwona SUWARA: Saiid JAVED: and Elizabeth Ann GILLIES

Declaration

This Declaration is directed to the application identified above that:

Was filed **January 10**, **2019** as U.S. Application No. **16/245190** and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

Assignment from Inventors

WHEREAS, **above-identified inventors** (individuals hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental designs, or discoveries, and hereby assign or are under an obligation to assign to the below identified Assignee the above-titled application (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States (identified above) has been prepared for filing with the United States Patent and Trademark Office (hereinafter the "Application").

AND WHEREAS, **Mast Group Limited**, with its principal place of business at PO Box Mast House, Derby Road, Bootle, Liverpool Merseyside L20 1EA Great Britain (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all Patent Properties filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof; and

all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof.

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all aforementioned Patent Properties, and authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: WPTH025.001C1 Page 2 of 5

Title: NUCLEIC ACID PROBE WITH SINGLE FLUOROPHORE LABEL BOUND TO INTERNAL CYTOSINE FOR USE IN LOOP MEDIATED ISOTHERMAL AMPLIFICATION

Inventors: Monika Iwona SUWARA; Sajid JAVED; and Elizabeth Ann GILLIES

applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application and the Work or any improvements made thereto, sign/execute all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e)) Application Data Sheet filed previously or concurrently

Docket No.: WPTH025.001C1	Page 3 of 5
Title: NUCLEIC ACID PROBE WITH SINGLE FLUOROPHORE LABEL BOUND TO CYTOSINE FOR USE IN LOOP MEDIATED ISOTHERMAL AMPLIFICATION	INTERNAL
Inventors: Monika Iwona SUWARA; Sajid JAVED; and Elizabeth Ann GILLIES	
Legal Name of inventor: Monika Iwona SUWARA	
Signature: <u>Honsica Sulvara</u> Date:	29/04/2020
Witnessed by: GAgues	
Witness Name (printed): Garage Agran Ca	

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e)) Application Data Sheet filed previously or concurrently

Docket No.: WPTH02	25.001C1			Page 4 of 5
		E FLUOROPHORE LABE ISOTHERMAL AMPLIFIC		TO INTERNAL
Inventors: Monika Iw	rona SUWARA; Sajid JA	VED; and Elizabeth Ann	GILLIES	
Legal Name of inver	ntor: Sajid JAVED	1		
Signature:			Date:	23 MAY 20
	Witnessed by:		Bandad a sykneykarasi kunggadak bi misangg	abortonas paramentamentamentamentamentamentamentament
١٨/	itnoce Namo (printod):	TARN IAN	m 10100	,

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e)) Application Data Sheet filed previously or concurrently

Docket No.: WPTH02	25.001C1			Page 5 of 5
	PROBE WITH SINGLE IN LOOP MEDIATED IS			NAL
Inventors: Monika lw	ona SUWARA; Sajid JA\	/ED; and Elizabeth Anr	GILLIES	
Legal Name of inver	ntor: Elizabeth Ann GILL	IES		
Signature:	Cachine		Date: <u>2여나</u>	20
	Witnessed by:	Honilea S	uwora	
Witness Name (printed): MONIKA SULJARA				

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PATENT REEL: 053101 FRAME: 0712

RECORDED: 07/01/2020