## 505231149 12/11/2018

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5277919

SUBMISSION TYPE:		NE	W ASSIGNMENT				
NATURE OF CONVEYANCE:		AS	ASSIGNMENT				
CONVEYING PARTY DA	ΑΤΑ	·					
		Nar	ne			Exe	cution Date
MICHAEL A. ARTINGER						05/10	0/2016
FRANCIS KEVIN KOHLMEIER						05/03	3/2016
MICHAEL W. OLSZOWY						05/10	0/2016
TYLER DONALD GATES						05/10	0/2016
RECEIVING PARTY DA	ТА						
Name:	VIROC	YT, INC.					
Street Address:	100 TE	CHNOLC	GY DRIVE				
Internal Address:	SUITE	325					
City:	BROO	MFIELD					
State/Country:	COLOI	RADO					
Postal Code:	80021						
	Total: 1	1					
PROPERTY NUMBERS Property Type	Total: 1		Number		]		
	Total: 1	16215153			]		
Property Type					]		
Property Type Application Number:			3		]		
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i>	ATA e sent to	16215153 (303)770 <b>o the e-m</b>	3 -0152 ail address first; if th			,	ll be sent
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i>	ATA e sent to	16215153 (303)770 o the e-m d; if that i	3 -0152 ail address first; if th s unsuccessful, it wi			,	ll be sent
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i>	ATA e sent to	16215153 (303)770 o the e-m d; if that i (303) 770	3 -0152 ail address first; if th s unsuccessful, it wi			,	ll be sent
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone:	ATA e sent to	(303)770 o the e-m d; if that i (303) 770 ptomail@	3 -0152 <b>ail address first; if th</b> <b>s unsuccessful, it wi</b> 0-0051	ll be ser	nt via U	,	ll be sent
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email:	ATA e sent to	(303)770 o the e-m d; if that i (303) 770 ptomail@ MARSH	-0152 ail address first; if th s unsuccessful, it wi p-0051 pmfblaw.com	ll be ser	nt via U	,	ll be sent
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if µ Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	ATA e sent to	(303)770 o the e-m d; if that i (303) 770 ptomail@ MARSH	-0152 ail address first; if th s unsuccessful, it wi p-0051 Pmfblaw.com FISCHMANN & BREY	ll be ser	nt via U	,	ll be sent
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	ATA e sent to	(303)770 o the e-m d; if that i (303) 770 ptomail@ MARSH I 8055 E. 1 SUITE 45	-0152 ail address first; if th s unsuccessful, it wi p-0051 Pmfblaw.com FISCHMANN & BREY FUFTS AVENUE	ll be ser	nt via U	,	ll be sent
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if µ Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	ATA e sent to provideo	(303)770 o the e-m d; if that i (303) 770 ptomail@ MARSH I 8055 E. 1 SUITE 45 DENVER	-0152 ail address first; if th s unsuccessful, it wi p-0051 omfblaw.com FISCHMANN & BREY OFTS AVENUE	ll be ser	nt via U	,	ll be sent
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if µ Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	ATA e sent to provideo	(303)770 o the e-m d; if that i (303) 770 ptomail@ MARSH I 8055 E. 1 SUITE 45 DENVER 505	-0152 ail address first; if th s unsuccessful, it wi p-0051 pmfblaw.com FISCHMANN & BREY FUFTS AVENUE 50 c, COLORADO 80237	ll be ser	nt via U	,	ll be sent
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	ATA e sent to provideo	(303)770 o the e-m d; if that i (303) 770 ptomail@ MARSH I 8055 E. 1 SUITE 48 DENVER 509 RC	-0152 ail address first; if th s unsuccessful, it wi p-0051 Pmfblaw.com FISCHMANN & BREY FUFTS AVENUE 50 , COLORADO 80237	ll be ser	nt via U	,	ll be sent
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET NU	ATA e sent to provideo	(303)770 o the e-m d; if that i (303) 770 ptomail@ MARSH I 8055 E. 1 SUITE 45 DENVER 509 RC /Rc	-0152 ail address first; if th s unsuccessful, it wi p-0051 omfblaw.com FISCHMANN & BREY OFTS AVENUE 50 c, COLORADO 80237 011-00084 DSS E. BREYFOGLE	ll be ser	nt via U	,	ll be sent

source=509	11-00043 Assignment-signed#page1.tif
source=509	11-00043 Assignment-signed#page2.tif
	11-00043 Assignment-signed#page3.tif

PATENT REEL: 047747 FRAME: 0472

## ASSIGNMENT

WHEREAS, we, MICHAEL A. ARTINGER of 7396 Baseline Road, Boulder, Colorado 80303, FRANCIS KEVIN KOHLMEIER of 9890 SW Ventura CT, Tigard, Oregon 97223, MICHAEL W. OLSZOWY of 631 Benton lane, Erie, Colorado 80516, and TYLER DONALD GATES of 1317 Carnation Circle, Longmont, Colorado 80503, have invented a certain new and useful invention entitled "FLOW CYTOMETRY METHOD FOR EVALUATING BIOLOGICAL MATERIAL FOR UNASSOCIATED VIRUS-SIZE PARTICLES OF INFLUENZA VIRUS VIRAL TYPE", for which an international patent application designating all states, including the United States of America, has been prepared and filed pursuant to the Patent Cooperation Treaty with the U.S. Patent & Trademark Office on March 23, 2016, receiving Serial No. PCT/US2016/023737, and further identified as Attorney File No. 50911-00043.

NOW THEREFORE, be it known that we together and each of us individually, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, VIROCYT, INC., a Delaware corporation having a place of business at 100 Technology Drive, Suite 325, Broomfield, Colorado 80021, its successors, legal representatives and assigns, the aforesaid application and all rights to claim priority directly or indirectly to the aforesaid application and all converted nonprovisional utility, continuation, divisional, continuation-in-part and reissue applications, all patent applications that claim priority directly or indirectly to the aforesaid application, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention(s), and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention(s) in the United States or any other country; each of us also assigns any right, title or interest in and to the invention(s) that has not already been transferred to the assignee; each of us warrants that no assignment of the invention(s), application or patent therefor has been made to a party other than VIROCYT, INC.; each of us warrants that there is no obligation to make any assignment of the invention(s), application, or any patent therefor to any party other than VIROCYT, INC.; and each of us further agrees to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention(s), but at the expense of said assignee.

The Commissioner For Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment to **VIROCYT**, **INC.**, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

5/10/2016 Date: By: CHAEL A. ARTINGER Date: 05/03/2016 By: CIS KEVIN KOHLMEIER FRA Date: 5/10/2016 By: EL W. OLSZOWY Date: 5/10/2016 Bv: **LER DONALD GATES** 

STATE OF COLOPADO ) COUNTY OF BROOMFIELD ) SS.

Before me, a Notary Public in and for said County and State, personally appeared MICHAEL A. **ARTINGER**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 10th day of MAY \_\_\_\_\_, 2016.

NICHOLE L. MATTEO Notary Public State of Colorado Notary Public Notary ID 20084027141 915 My Commission Expires: My Commission Expires Sep 5, 2016

STATE OF OPECON ) )ss. COUNTY OF WASHINGTON )

Before me, a Notary Public in and for said County and State, personally appeared **FRANCIS KEVIN KOHLMEIER**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this  $3^{PD}$  day of  $M^{P}$ , 2016.

OFFICIAL SEAL NIMESH R DAYAL NOTARY PUBLIC-OREGON COMMISSION NO. 479755 MY COMMISSION EXPIRES JULY 11, 2017

Notary Public My Commission Expires: 7/11/17

PATENT REEL: 047747 FRAME: 0474 STATE OF COUDEAD CU ) COUNTY OF BROOMFIELD ) SS.

Before me, a Notary Public in and for said County and State, personally appeared MICHAEL W. OLSZOWY, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this <u>IOTH</u> day of <u>MAY</u>, 2016.

NICHOLE L. MATTEO Notary Public State of Colorado Notary Public My Commission Expires: 9/ Notary ID 20084027141 mission Expires Sep 5, 2016

STATE OF COURADO )COUNTY OF BROOMPIED ) ss.

Before me, a Notary Public in and for said County and State, personally appeared **TYLER DONALD GATES**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 1011 day of MAL , 2016.



Notary Public My Commission Expires: 9[5]2016

Pane 3 of 3

PATENT REEL: 047747 FRAME: 0475

**RECORDED: 12/11/2018**