

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4299165

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	BASTIAAN DRIEHUYS	03/13/2008
	GARY PRICE COFER	03/13/2008
RECEIVING PARTY DATA		
Name:	DUKE UNIVERSITY	
Street Address:	ERWIN ROAD	
City:	DURHAM	
State/Country:	NORTH CAROLINA	
Postal Code:	27705	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15447321
CORRESPONDENCE DATA		
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<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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ATTORNEY DOCKET NUMBER:	5405-403TSDV2	
NAME OF SUBMITTER:	JULIE H. RICHARDSON	
SIGNATURE:	/Julie H. Richardson/	
DATE SIGNED:	03/02/2017	
Total Attachments: 3		
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ASSIGNMENT

THIS ASSIGNMENT, made by us, **Bastiaan Driehuys**, a citizen of the United States, residing in Chapel Hill, North Carolina; and **Gary Price Cofer**, a citizen of the United States, residing in Hillsborough, North Carolina 27278;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **SYSTEMS AND METHODS FOR ASSESSING PULMONARY GAS TRANSFER USING HYPERPOLARIZED ¹²⁹XE MRI** for which an application has been filed, or is being concurrently filed, in the United States Patent and Trademark Office. We hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. 11/866,552 , filed October 3, 2007) the application number and filing date of said application when known; and

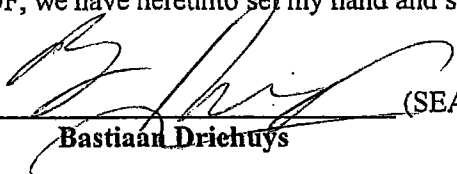
WHEREAS, **Duke University**, an educational institution chartered under the laws of the State of North Carolina having a principal office at Erwin Road, City of Durham, State of North Carolina, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said applications, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and/or by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made. We

hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us relating to said invention(s), to testify in any interference or legal proceedings involving said invention(s), to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention(s) in all countries and to vest in the assignee complete title to the said invention(s) and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, we have hereunto set my hand and seal on this 13th day of March, 2008.

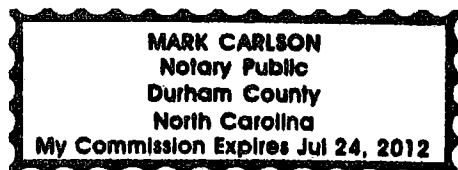
 (SEAL)
Bastiaan Driehuys

STATE OF NC
) ss:
COUNTY OF DURHAM

Before me personally appeared the persons described in and who executed the foregoing instrument, and they acknowledged to me that they executed the same for the purposes therein stated, this 13 day of MARCH, 2008


Notary Public

SEAL



My Commission Expires: 7/24/12

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 13th day
of March, 2007.

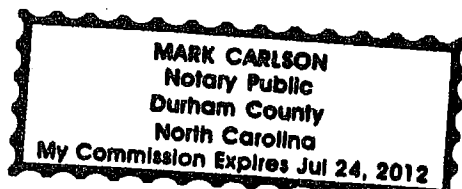
Gary Price Cofer (SEAL)
Gary Price Cofer

STATE OF NC)
) ss:
COUNTY OF DURHAM)

Before me personally appeared the persons described in and who executed the foregoing
instrument, and they acknowledged to me that they executed the same for the purposes
therein stated, this 13 day of MARCH, 2008.

Mark Carlson
Notary Public

SEAL



My Commission Expires: 7/24/12