# 504483015 08/01/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4529717

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NATURE OF CONVEYAN	ASSIGNMENT					
CONVEYING PARTY DA	AIA					
		Name			Execution Date	
DR. THOMAS TSAKALA	KOS				02/15/2016	
DR. ENVER AKDOGAN					04/01/2016	
DR. HULYA BICER					02/15/2016	
DR. WILLIAM PAXTON					08/26/2015	
RECEIVING PARTY DA	ТА					
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Street Address:		EEN'S, SOMERSET STREET				
City:	NEW BF	UNSWICK				
State/Country:	NEW JE	RSEY				
Postal Code:	08909					
PROPERTY NUMBERS	Total: 2					
Property Type		Number		]		
Application Number: 61934243		1934243				
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CORRESPONDENCE D						
Fax Number:	(6	609)896-1469				
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#### ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORs of the sum of One Dollar (\$1.00) and for other good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNORs:	
	Name

Name	Address
Thomas Tsakalakos	531 Elizabeth Ave, Somerset, New Jersey 08873
Enver Akdogan	226 North 4 <sup>th</sup> Ave, Apt. 2, Highland Park, New Jersey 08904
llyas Savkliyildiz	607 Taylor Road, Piscataway, New Jersey 08854
Hulya Bicer	7 River Road, Apt. 3, Highland Park, New Jersey 08904
William Paxton	22354 Olmstead Street, Dearborn, Michigan 48124

hereby sell, assign and transfer to:

ASSIGNEE:					
Name	Address				
Rutgers, The State University of New Jersey	Old Queen's, Somerset Street, New Brunswick, New Jersey 08909				

and the successors, assigns and legal representatives of the ASSIGNEE, entire right, title and interest for the United States and its territorial possessions, and in all foreign countries, including all rights to claim priority, in and to the invention entitled:

#### METHOD FOR PRODUCING LOW POROSITY NONOXIDE CERAMICS

invented by Tsakalakos et al. and which is found in:

- Х Х
- the U.S. patent application executed on even date herewith;

the U.S. provisional patent application no.: 61/934,243 filed: January 31, 2014

the U.S. patent application no.: 14/611,942 filed: February 2, 2015

the International Application no. filed:

the U.S. patent no. issued on ;

and, in and to all Letters Patent, both foreign and domestic, to be obtained for said invention by the aforesaid U.S. patent application, and in and to all Non-Provisional and International Applications claiming priority therefrom, and all Letters Patent, both foreign and domestic, to be obtained for said invention by the aforesaid Non-Provisional and International Applications claiming priority therefrom, and all continuation, division, renewal, continuation-in-part or substitute of said Non-ProvisionalU.S. Patent Applications, and as to Letters Patent and any reissue or re-examination thereof, and to any legal equivalent thereof in a foreign country, including, the right to apply for patents and inventor certificates in respect thereof, the right to claim priority, and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of the invention.

ASSIGNORs hereby authorize ASSIGNEE or its legal representative to insert in this instrument the filing date and serial number of said application or any other information that may be necessary or

desirable in order to comply with the rules of the U.S. Patent and Trademark Office for the recordation of this document.

ASSIGNORs hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORs further covenant and agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORs, and that ASSIGNORs will, at ASSIGNEE's expense, testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE, its assigns or its legal representatives, without further or additional consideration, any and all papers, instruments or affidavits required, render all necessary assistance, and do such additional acts as ASSIGNEE may deem necessary or desirable, to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNORs hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE sole use and benefit, and for the use and benefit of ASSIGNEE legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNORs had this assignment and sale not been made.

The parties agree that the foregoing covenants and obligations shall bind and inure to the benefit of the heirs, assigns and legal representatives of both parties.

Name:

DR. THOMAS TSAKALAKOS

Date: Feb. 15, 2016

State of County of

, personally appeared

Before me this day of

> MICHELLE MAC PI NOTARY PUBLIC My Commission Expires

the above named individual, to me known to be the person who is described in, and who executed

the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes therein expressed.

PATENT

REEL: 043154 FRAME: 0543

**MICHELLE MAC PHERSON** NOTARY PUBLIC OF NEW JERSEY My Commission Expires 10/10/2019

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Name:DF	MMM E ENVER AXDOGA		Date:	ip <i>ril 2016</i>
State of	New Jersey			
County of	Middlesex			
Before me this		April	, <u>2016</u> on who is described	, personally appeared in, and who executed
the foregoing instrum will for the purposes t	ent and acknowledge	ed to me that h	e/she executed the sa	me of his/her own free

Nothy Public (Witness

Name:		Date:		
DR	ILYAS SAVKLIYILDIZ			
State of				
County of				
Before me this	day of	*	, personally appeared	
	lividual, to me known to be the	NACIDARIA DI PEDRIA DI MANDI	ribed in, and who executed	
the foregoing instrum	nent and acknowledged to me therein expressed.	that he/she executed	the same of his/her own free	

Notary Public

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day of

Date:	02	115	/20	16

DR. HULYA BICER

State of County of

Name:

Before me this

 $\partial O/6$  , personally appeared

the above named individual, to me known to be the person who is described in, and who executed the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes therein expressed.

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Notary Public

#### MICHELLE MAC PHERSON NOTARY PUBLIC OF NEW JERSEY My Commission Expires 10/10/2019

Name:		Date:	
	WILLIAM PAXTON		
State of			
County of	·		
Before me this	day of	ł	, personally appeared
the above named indivi	dual, to me known to be th	e person who is desc	ribed in, and who executed
the foregoing instrumer	t and acknowledged to me	that he/she executed	the same of his/her own free

will for the purposes therein expressed.

**Notary Public** 

PATENT REEL: 043154 FRAME: 0545

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Name:		Date:
	DR. HULYA BICER	
		•
State of		_
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Before me this	day of	, personally appeared
the above named ind	lividual, to me known to be th	e person who is described in, and who executed
the foregoing instrum will for the purposes t	ent and acknowledged to me Iherein expressed.	e that he/she executed the same of his/her own free
		Notary Public
		iterary , april
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Name: MM	R. WILLIAM PAXTON	Daté: 8/26/15
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State of	() levá -P	
County of	win	· ,
Before me this	26 H day of Au	9057 , 2015, personally appeared
		e person who is described in, and who executed
		that he/she executed the same of his/her own free
will for the purposes th	herein expressed.	0
		Vatricia Sprim
		1
		Notary Public
2		PATRICIA SHRUM
		NOTARY PUBLIC, STATE OF MI COUNTY OF WAYNE
		MY COMMISSION EXPIRES JUI 21, 2019 ACTING IN COUNTY OF CUPYNC
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**RECORDED: 08/01/2017**