Form PTC)-1595 (Rev.	03-09	י)
OMB No.	0651-0027	(exp.	03/31/2009)

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Execution Date(s) 6/5/2012				
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Government Interest Assignment	Country: USA Zip: 48103			
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4. Application or patent number(s):				
A. Patent Application No.(s) 0273/5/07/8	B. Patent No.(s)			
12/350,175 Additional numbers at	tached? Yes XNo			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1			
Name: Jelic Patent Services, LLC	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00- 50 -			
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0100(1/10000. <u>050 E. 2025772077207720772</u>	None required (government interest not affecting title)			
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Phone Number: (734) 786-4064				
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Email Address: sielic@ielicpatent.com	Authorized User Name			
9. Signature: July 24, 2012 Signature Date				
STANLEY EMIL JELIC	Total number of pages including cover 4			
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Naveen Kumar Gupta	Internal Address:			
Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveyance/Execution Date(s):	Street Address: 2658 White Oak Drive			
Execution Date(s) 9/19/2011				
Assignment Merger	·			
Security Agreement Change of Name	City: <u>Ann Arbor</u> State: <u>MICHIGAN</u> Country: <u>USA</u> Zip: <u>48103</u>			
Joint Research Agreement				
Government Interest Assignment				
Executive Order 9424, Confirmatory License				
Other	Additional name(s) & address(es) attached? 🗌 Yes 🗴 No			
A. Patent Application No.(s) 12/350,179 Additional numbers att	document is being filed together with a new application. B. Patent No.(s) ached? Yes XNo			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1			
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Email Address: sjelic@jelicpatent.com	Authorized User Name			
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Signature Y	Date			
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PATENT REEL: 028629 FRAME: 0389

ASSIGNMENT OF US PATENT APPLICATION

Whereas, I, Naveen Kumar Gupta hereafter referred to as ASSIGNOR, am the joint inventor of record of certain new and useful methods and systems for a "A System and Method for Providing a Thermal Transpiration Gas Pump Using a Nanoporous Ceramic Material" for which an application for a United States Patent was filed on January 7, 2009 and received Application Number 12/350,175; and Whereas, Yogesh B. Gianchandani, here referred to as "ASSIGNEE" whose mailing address is 2658 White Oak Drive, Ann Arbor, Michigan 48103, USA, is desirous of acquiring the entire right, title and interest in the same.

Now, therefore, in consideration of good and valuable consideration, the receipt whereof is acknowledge. I the ASSIGNOR, by these presents do sell, assign, and transfer unto said ASSIGNEE the full and exclusive right to the said invention in the United States and the entire rights, title, and interest in and to any and all patents which may be granted therefore in the Unites States and each and every foreign country to the United States.

ASSIGNOR agrees to execute all papers, give any required testimony, and perform other lawful acts, at ASSIGNEE'S expense, as ASSIGNEE may require to enable ASSIGNEE to perfect ASSIGNEE'S interest in any resulting patent of the United States and countries foreign thereto, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and ASSIGNEE'S interest therein.

ASSIGNORS hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said Unites States Patent to said ASSIGNEE, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said patent may be granted, as fully

Page 1 of 3

PATENT REEL: 028629 FRAME: 0390

and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 29^{MAV} day of MAV, 2012

By:

(Nupts

Naveen Kumar Gupta, as Joint Inventor; ASSIGNOR

Subscribed and sworn to me this day day d	of May, 2012
State of New Werver	
County of Bornalello	OFFICIAL SEAL
Notary Public A marken pu	BRENDA HASKEW
Commission Expires: S-24-20/4	NOTARY PUBLIC - STATE OF NEW MEXICO
	My commission expires: 8-24-2014

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Page 2 of 3

PATENT REEL: 028629 FRAME: 0391 Executed this <u>5th</u> day of <u>June</u>, 2012

By:

Gianchanden

Yogesh B. Gianchandani, as ASSIGNEE

Subscribed and sworn to me this \underline{Study} _day of <u>June</u>, 2012 State of Michigan County of WAShtera Turkhardt Notary Public: iasa Commission Expires. 3129 14

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Trasa Rense Burkhardt, Notary Public State of Michigan, County of Washtenaw My Commission Expires 3/29/2014 Acting in the County of <u>LASHTENAL2</u>

PATENT REEL: 028629 FRAME: 0392

RECORDED: 06/11/2012