

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Elan Yogeswaren	09/18/2009
<b>RECEIVING PARTY DATA</b>	
Name:	Terra Nova Sciences LLC
Street Address:	1330 Old Spanish Trail
Internal Address:	Suite 3307
City:	Houston
State/Country:	TEXAS
Postal Code:	77054
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12562939
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(281)480-2701
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	281-480-2700
Email:	slanier@edmondsnolte.com
Correspondent Name:	Edmonds Nolte, PC
Address Line 1:	16815 ROYAL CREST DRIVE
Address Line 2:	SUITE 130
Address Line 4:	HOUSTON, TEXAS 77058
ATTORNEY DOCKET NUMBER:	TNS-0002
NAME OF SUBMITTER:	N. Alexander Nolte
Total Attachments: 1 source=TNS_0002_AssignmentAsFiled_09182009#page1.tif	

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**PATENT**  
**REEL: 023255 FRAME: 0796**

# ASSIGNMENT

WHEREAS, I

(1) Elan Yogeswaren

of

Houston, Texas

have invented certain improvements in

## N-PHASIC ELEMENT METHOD FOR CALCULATING A FULLY COUPLED RESPONSE OF MULTIPHASE COMPOSITIONAL FLUID FLOW AND A SYSTEM FOR UNCERTAINTY ESTIMATION

for which I have executed an application for Letters Patent of the United States of America, of even date filed herewith;

WHEREAS, Terra Nova Sciences LLC (Assignee), a corporation organized and existing under the laws of the State of Texas, having its principal office and place of business at 1330 Old Spanish Trail, Suite 3307, Houston, Texas 77054, is desirous of obtaining the entire right, title, and interest in, to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and other good and valuable consideration, I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Assignee, its successors, legal representatives, and assigns, the entire right, title, and interest in, to and under the said invention, and the said application, and all divisional, renewal, substitutional, and continuing applications thereof, and all Letters Patent of the United States of America which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may be filed for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and all prior patents and patent applications from which a filing priority of the above-described patent application may be obtained, including the right to collect past damages; and I hereby authorize and request the Commissioner of Patents of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to said Assignee, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid the said Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

Inventor Name: Elan Yogeswaren  
Residence Address: 1330 Old Spanish Trail, Suite 3307, Houston, Texas 77054

Dated:

September 18th, 2009

Signature:

