

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JAMES A. ROLLINS	01/29/2015
KEVIN R. GEORGE	02/02/2015
NATHAN CLARK	02/02/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GEODYNAMICS, INC.
<b>Street Address:</b>	10500 W. INTERSTATE 20
<b>City:</b>	MILLSAP
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	76066
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14176056
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(972)367-2002
<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>	
<b>Phone:</b>	9723672001
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<b>Correspondent Name:</b>	DAVID W. CARSTENS
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<b>ATTORNEY DOCKET NUMBER:</b>	AGEOD.0141
<b>NAME OF SUBMITTER:</b>	SUDHAKAR V. ALLADA
<b>SIGNATURE:</b>	/Sudhakar V. Allada/
<b>DATE SIGNED:</b>	02/03/2015
<b>Total Attachments: 3</b>	
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicants:** James A. Rollins  
Kevin R. George  
Nathan Clark

**Serial No:** 14/176,056

**Filing Date:** February 8, 2014

**Title:** Apparatus of Creating and Customizing Intersecting  
Jets with Oilfield Shaped Charges

**Attorney Docket No.:** AGEOD.0141

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ASSIGNMENT

WHEREAS, the undersigned have invented certain new and useful improvements as above entitled, for which application for United States Letters Patent is made; and

WHEREAS, **GEODynamics, Inc.**, a Delaware corporation (hereinafter referred to as "**Assignee**"), with an address of 10500 W. Interstate 20, Millsap, Texas 76066, desires to acquire the undersigned's entire right, title and interest in and to the invention, and in and to said application and any Letters Patent that may issue thereon;

NOW THEREFORE, for and in consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned:

Hereby sell, assign and transfer to Assignee, its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent identified above;

And in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all utility models, industrial models, certificates of invention, and designs on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the

expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the Undersigned will execute all divisional, continuing, substitute, renewal, reissue and all other patent applications, and all other like rights of exclusion in any country on any and all said improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assignee, its successors, assigns and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns and representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Agree that the undersigned will upon request of Assignee, render prompt assistance and cooperation in the prosecution of legal proceedings involving said improvements, said applications and patents granted thereon, including oppositions, cancellation proceedings, priority contest, public use proceedings and court proceedings, and testify in such proceedings if requested, provided, however, that the expense which may be incurred by the Undersigned in lending such assistance and cooperation be paid by Assignee; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the Undersigned, except as set forth below, and that full right to convey the same as herein expressed is possessed by the Undersigned.

This assignment shall be binding on the heirs and legal representatives of the undersigned.

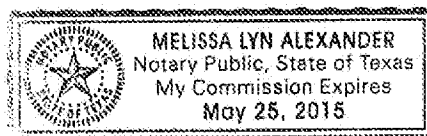
Date: 1/29/15

By: James A. Rollins  
James A. Rollins

This 29th day of January, 2015, before me personally appeared **James A. Rollins** to me personally known as the individual who executed the foregoing instrument, who acknowledges to me that he executed the same of his own free will for the purpose therein set forth.

My Commission Expires:  
05-25-2015

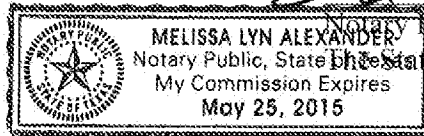
Melissa Lyn Alexander  
Notary Public in and for  
The State of Texas



Date: FEB 02, 2015By: Kevin R. George  
Kevin R. George

This 2<sup>nd</sup> day of February, 2015, before me personally appeared **Kevin R. George** to me personally known as the individual who executed the foregoing instrument, who acknowledges to me that he executed the same of his own free will for the purpose therein set forth.

My Commission Expires:

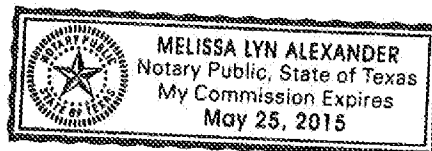
05-25-2015

Notary Public in and for

The State of TexasDate: 2 FEB 2015By: Nathan Clark  
Nathan Clark

This 2<sup>nd</sup> day of February, 2015, before me personally appeared **Nathan Clark** to me personally known as the individual who executed the foregoing instrument, who acknowledges to me that he executed the same of his own free will for the purpose therein set forth.

My Commission Expires:

05-25-2015

Notary Public in and for

The State of Texas