

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Mr. Phillip David Pattillo II	09/17/2009
Mr. Joseph F. Rakow	09/11/2009
Mr. James E. Shepherd	09/16/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BP Corporation North America Inc.
<b>Street Address:</b>	4101 Winfield Road
<b>City:</b>	Warrenville
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60555
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12580093
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(866)765-5438
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	281-366-6976
<b>Email:</b>	Mimi.Corona@bp.com
<b>Correspondent Name:</b>	Mimi Corona
<b>Address Line 1:</b>	501 WestLake Park Blvd.
<b>Address Line 2:</b>	WL1, 16.179A
<b>Address Line 4:</b>	Houston, TEXAS 77079
<b>ATTORNEY DOCKET NUMBER:</b>	US 39447-00
<b>NAME OF SUBMITTER:</b>	Albert K. Shung

OP \$40.00 12580093

Total Attachments: 7  
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**PATENT**  
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(Joint Inventors)

**Assignment To**  
**BP Corporation North America Inc.**  
Warrenville, Illinois, United States of America

Whereas we,

First inventor	James E. Shepherd
Post Office Address	4101 Winfield Road, Warrenville, Illinois 60555
Residence	Mason, Ohio 45040

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Second inventor	Joseph F. Rakow
Post Office Address	4101 Winfield Road, Warrenville, Illinois 60555
Residence	San Francisco, California 94115

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Third inventor	Phillip David Pattillo II
Post Office Address	4101 Winfield Road, Warrenville, Illinois 60555
Residence	Houston, Texas 77095

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have invented certain new and useful improvements in

**ELASTIC HOLLOW PARTICLES FOR ANNULAR PRESSURE BUILDUP MITIGATION**

identified as James E. Shepherd, et al.  
Attorney Docket 39447-00

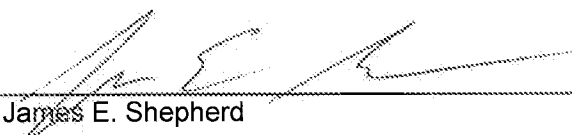
and described in an application for patent in the United States of America identified above and executed by us, respectively; and

Whereas, **BP Corporation North America Inc.**, a corporation duly organized and existing under the laws of the State of Indiana, U.S.A., and having a principal office and place of business at Warrenville, Illinois, U.S.A., desires to record a specific assignment to the entire right, title and interest in and to the above-identified invention or inventions, and in and to any Letters Patent therefor in the United States of America and countries foreign thereto;

Now therefore, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration by each of us received, the receipt of which is hereby acknowledged, we jointly and severally have sold and assigned, and hereby do sell and assign, to **BP Corporation North America Inc.**, its successors and assigns, the entire right, title and interest (a) in the above-identified invention or inventions and all improvements and modifications thereof, (b) in the above-identified application, all provisional and non-provisional applications for patent upon which the above-identified application claims benefit, and all other applications for patent of the United States of America and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) in all Letters Patent which may issue from said applications in the United States of America and countries foreign thereto, and (d) in all divisions, reissues, continuations, conversions, and extensions of said applications and Letters Patent; and covenant we have the full right so to do; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all United States Letters Patent on the invention or inventions included herein to **BP Corporation North America Inc.** as assignee of the entire interest.

We further agree that we shall communicate to **BP Corporation North America Inc.**, its successors and assigns, or their representatives or agents all facts and information known or available to us relating to said invention or inventions, improvements and modifications including evidence for interference, reexamination, reissue, opposition, revocation, conversion, extension, or infringement purposes or other legal, judicial or administrative proceedings, whenever requested; testify in person or by affidavit as required by **BP Corporation North America Inc.**, its successors and assigns, in any such proceeding in the United States of America or a country foreign thereto; execute and deliver, on request, all lawful papers including, but not limited to, original, provisional, non-provisional, divisional, continuation, continuation-in-part, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, and depositions; and provide all reasonable assistance to **BP Corporation North America Inc.**, its successors and assigns, in obtaining and enforcing proper protection for said invention or inventions, improvements and modifications under the intellectual property laws of the United States of America and countries foreign thereto.

In testimony whereof, we have hereunto set our hands and seals, respectively, on the dates set after our respective signatures.

  
\_\_\_\_\_  
James E. Shepherd (L.S.), 9/16, 2009

\_\_\_\_\_  
Joseph F. Rakow (L.S.), \_\_\_\_\_, 20 \_\_\_\_

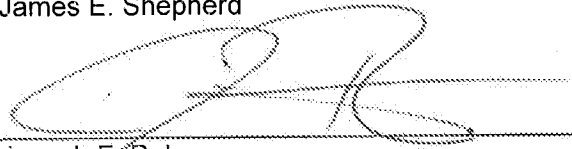
\_\_\_\_\_  
P. David Pattillo II (L.S.), \_\_\_\_\_, 20 \_\_\_\_

Now therefore, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration by each of us received, the receipt of which is hereby acknowledged, we jointly and severally have sold and assigned, and hereby do sell and assign, to **BP Corporation North America Inc.**, its successors and assigns, the entire right, title and interest (a) in the above-identified invention or inventions and all improvements and modifications thereof, (b) in the above-identified application, all provisional and non-provisional applications for patent upon which the above-identified application claims benefit, and all other applications for patent of the United States of America and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) in all Letters Patent which may issue from said applications in the United States of America and countries foreign thereto, and (d) in all divisions, reissues, continuations, conversions, and extensions of said applications and Letters Patent; and covenant we have the full right so to do; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all United States Letters Patent on the invention or inventions included herein to **BP Corporation North America Inc.** as assignee of the entire interest.

We further agree that we shall communicate to **BP Corporation North America Inc.**, its successors and assigns, or their representatives or agents all facts and information known or available to us relating to said invention or inventions, improvements and modifications including evidence for interference, reexamination, reissue, opposition, revocation, conversion, extension, or infringement purposes or other legal, judicial or administrative proceedings, whenever requested; testify in person or by affidavit as required by **BP Corporation North America Inc.**, its successors and assigns, in any such proceeding in the United States of America or a country foreign thereto; execute and deliver, on request, all lawful papers including, but not limited to, original, provisional, non-provisional, divisional, continuation, continuation-in-part, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, and depositions; and provide all reasonable assistance to **BP Corporation North America Inc.**, its successors and assigns, in obtaining and enforcing proper protection for said invention or inventions, improvements and modifications under the intellectual property laws of the United States of America and countries foreign thereto.

In testimony whereof, we have hereunto set our hands and seals, respectively, on the dates set after our respective signatures.

\_\_\_\_\_(L.S.), \_\_\_\_\_, 20 \_\_\_\_  
James E. Shepherd

  
\_\_\_\_\_(L.S.), 7-11, 20 07  
Joseph F. Rakow

\_\_\_\_\_(L.S.), \_\_\_\_\_, 20 \_\_\_\_  
P. David Pattillo II


Now therefore, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration by each of us received, the receipt of which is hereby acknowledged, we jointly and severally have sold and assigned, and hereby do sell and assign, to **BP Corporation North America Inc.**, its successors and assigns, the entire right, title and interest (a) in the above-identified invention or inventions and all improvements and modifications thereof, (b) in the above-identified application, all provisional and non-provisional applications for patent upon which the above-identified application claims benefit, and all other applications for patent of the United States of America and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) in all Letters Patent which may issue from said applications in the United States of America and countries foreign thereto, and (d) in all divisions, reissues, continuations, conversions, and extensions of said applications and Letters Patent; and covenant we have the full right so to do; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all United States Letters Patent on the invention or inventions included herein to **BP Corporation North America Inc.** as assignee of the entire interest.

We further agree that we shall communicate to **BP Corporation North America Inc.**, its successors and assigns, or their representatives or agents all facts and information known or available to us relating to said invention or inventions, improvements and modifications including evidence for interference, reexamination, reissue, opposition, revocation, conversion, extension, or infringement purposes or other legal, judicial or administrative proceedings, whenever requested; testify in person or by affidavit as required by **BP Corporation North America Inc.**, its successors and assigns, in any such proceeding in the United States of America or a country foreign thereto; execute and deliver, on request, all lawful papers including, but not limited to, original, provisional, non-provisional, divisional, continuation, continuation-in-part, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, and depositions; and provide all reasonable assistance to **BP Corporation North America Inc.**, its successors and assigns, in obtaining and enforcing proper protection for said invention or inventions, improvements and modifications under the intellectual property laws of the United States of America and countries foreign thereto.

In testimony whereof, we have hereunto set our hands and seals, respectively, on the dates set after our respective signatures.

..... (L.S.), \_\_\_\_\_, 20 \_\_\_\_  
James E. Shepherd

..... (L.S.), \_\_\_\_\_, 20 \_\_\_\_  
Joseph F. Rakow

  
..... (L.S.), SEP. 17, 20 09  
Phillip David Patillo II

State of Ohio )  
County of Butler )SS

Before me this 16<sup>th</sup> day of Sept., 2009 personally appeared each person listed below:

James E. Shepherd

each of whom is known to me to be the same person whose name is subscribed to the foregoing instrument, and each of whom acknowledged such instrument was signed, sealed and delivered as that person's free and voluntary act for the uses and purposes set forth therein.

Christine Patty  
Notary Public

Seal



CHRISTINE PATTY  
Notary Public, State of Ohio  
My Commission Expires 09-26-2010

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )SS

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared each person listed below:

Joseph F. Rakow

each of whom is known to me to be the same person whose name is subscribed to the foregoing instrument, and each of whom acknowledged such instrument was signed, sealed and delivered as that person's free and voluntary act for the uses and purposes set forth therein.

\_\_\_\_\_  
Notary Public

Seal

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )SS

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared each person listed below:

James E. Shepherd

each of whom is known to me to be the same person whose name is subscribed to the foregoing instrument, and each of whom acknowledged such instrument was signed, sealed and delivered as that person's free and voluntary act for the uses and purposes set forth therein.

\_\_\_\_\_  
Notary Public

Seal

State of California )  
County of San Mateo )SS

Before me this 11<sup>th</sup> day of Sept, 2009, personally appeared each person listed below:

Joseph F. Rakow

each of whom is known to me to be the same person whose name is subscribed to the foregoing instrument, and each of whom acknowledged such instrument was signed, sealed and delivered as that person's free and voluntary act for the uses and purposes set forth therein.

Melinda S. Palm  
Notary Public



Seal



State of Texas )  
County of Harris )SS

Before me this 17<sup>th</sup> day of Sep., 2009, personally appeared each person listed below:

Phillip David Pattillo II

each of whom is known to me to be the same person whose name is subscribed to the foregoing instrument, and each of whom acknowledged such instrument was signed, sealed and delivered as that person's free and voluntary act for the uses and purposes set forth therein.

Yolanda Murillo  
Notary Public

Seal

