

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jackson Thornton</td> <td>03/19/2013</td> </tr> <tr> <td>Vinay G. Sakhrani</td> <td>03/21/2013</td> </tr> <tr> <td>Charles Tomasino</td> <td>04/03/2013</td> </tr> <tr> <td>Robert A. Mineo</td> <td>04/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	Jackson Thornton	03/19/2013	Vinay G. Sakhrani	03/21/2013	Charles Tomasino	04/03/2013	Robert A. Mineo	04/04/2013
Name	Execution Date										
Jackson Thornton	03/19/2013										
Vinay G. Sakhrani	03/21/2013										
Charles Tomasino	04/03/2013										
Robert A. Mineo	04/04/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>TriboFilm Research, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>625 Hutton Street</td> </tr> <tr> <td>City:</td> <td>Raleigh</td> </tr> <tr> <td>State/Country:</td> <td>NORTH CAROLINA</td> </tr> <tr> <td>Postal Code:</td> <td>27606</td> </tr> </table>		Name:	TriboFilm Research, Inc.	Street Address:	625 Hutton Street	City:	Raleigh	State/Country:	NORTH CAROLINA	Postal Code:	27606
Name:	TriboFilm Research, Inc.										
Street Address:	625 Hutton Street										
City:	Raleigh										
State/Country:	NORTH CAROLINA										
Postal Code:	27606										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13833707</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13833707						
Property Type	Number										
Application Number:	13833707										
CORRESPONDENCE DATA											
Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 919-831-1845 Email: dphlaw@nc.rr.com Correspondent Name: David Hendricks Address Line 1: P.O. Box 37127 Address Line 4: Raleigh, NORTH CAROLINA 27627											
ATTORNEY DOCKET NUMBER:	5764-021										
NAME OF SUBMITTER:	David P. Hendricks										
Signature:	/David P. Hendricks/										

Date:

04/08/2013

Total Attachments: 4

source=thornton_assignment#page1.tif

source=sakhrani_assignment#page1.tif

source=tomasino_assignment#page1.tif

source=mineo_assignment#page1.tif

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, I, Jackson Thornton of Raleigh, NC, have invented certain new and useful improvements disclosed in an application for United States Letters Patent titled "Activated Gaseous Species for Improved Lubrication," Application No. 13/833,707, Docket No. 5764-021, filed on March 15, 2013.

AND WHEREAS TriboFilm Research, Inc., a North Carolina Corporation (hereafter, together with any successors, legal representatives, or assigns thereof, called "Assignee"), wants to acquire the entire right, title, and interest in and to said improvement and application.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is acknowledged, I have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over to Assignee the entire right, title, and interest in and to said improvements, and said application and all divisions, substitutions, continuations, and continuations-in-part thereof, and all United States Letters Patent which may be granted thereon and all reissues and extensions thereof, and all priority rights under the Paris Convention for the Protection of Industrial Property for every member country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries; and I hereby authorize and request the United States Commissioner for Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to Assignee in accordance with the terms of this Assignment;

AND I HEREBY covenant that I have the 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 Assignee any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuations-in-part, substitute, and reissue applications, make all rightful oaths, and generally provide aid to Assignee to obtain and enforce proper patent protection for said improvements in all countries.

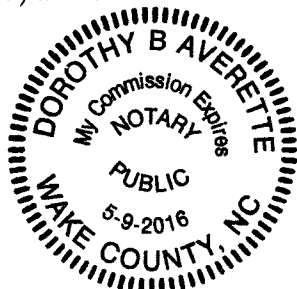
IN TESTIMONY WHEREOF, I execute this Assignment on the 19 day of March, 2013.

Jackson Thornton
Signature
Jackson Thornton

STATE OF NORTH CAROLINA

COUNTY OF Wake

Sworn to (or affirmed) and subscribed before me this 19th day of March, 2013.



Dorothy B. Averette
Signature of Notary Public

My commission expires 5/9/2016

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, I, Vinay G. Sakhrani of Raleigh, NC, have invented certain new and useful improvements disclosed in an application for United States Letters Patent titled "Activated Gaseous Species for Improved Lubrication," Application No. 13/833,707, Docket No. 5764-021, filed on March 15, 2013.

AND WHEREAS TriboFilm Research, Inc., a North Carolina Corporation (hereafter, together with any successors, legal representatives, or assigns thereof, called "Assignee"), wants to acquire the entire right, title, and interest in and to said improvement and application.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is acknowledged, I have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over to Assignee the entire right, title, and interest in and to said improvements, and said application and all divisions, substitutions, continuations, and continuations-in-part thereof, and all United States Letters Patent which may be granted thereon and all reissues and extensions thereof, and all priority rights under the Paris Convention for the Protection of Industrial Property for every member country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries; and I hereby authorize and request the United States Commissioner for Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to Assignee in accordance with the terms of this Assignment;

AND I HEREBY covenant that I have the 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 Assignee any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuations-in-part, substitute, and reissue applications, make all rightful oaths, and generally provide aid to Assignee to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I execute this Assignment on the 21st day of MARCH, 2013.

Vinay G. Sakhrani
Signature
Vinay G. Sakhrani

STATE OF NORTH CAROLINA

COUNTY OF Wake

Sworn to (or affirmed) and subscribed before me this 21 day of March, 2013.

Callie A. Taylor
Signature of Notary Public



My commission expires June 3 2015

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, I, Charles Tomasino of Raleigh, NC, have invented certain new and useful improvements disclosed in an application for United States Letters Patent titled "Activated Gaseous Species for Improved Lubrication," Application No. 13/833,707, Docket No. 5764-021, filed on March 15, 2013.

AND WHEREAS TriboFilm Research, Inc., a North Carolina Corporation (hereafter, together with any successors, legal representatives, or assigns thereof, called "Assignee"), wants to acquire the entire right, title, and interest in and to said improvement and application.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is acknowledged, I have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over to Assignee the entire right, title, and interest in and to said improvements, and said application and all divisions, substitutions, continuations, and continuations-in-part thereof, and all United States Letters Patent which may be granted thereon and all reissues and extensions thereof, and all priority rights under the Paris Convention for the Protection of Industrial Property for every member country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries; and I hereby authorize and request the United States Commissioner for Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to Assignee in accordance with the terms of this Assignment;

AND I HEREBY covenant that I have the 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 Assignee any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuations-in-part, substitute, and reissue applications, make all rightful oaths, and generally provide aid to Assignee to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I execute this Assignment on the 3 day of APRIL, 2013.

Charles Tomasino

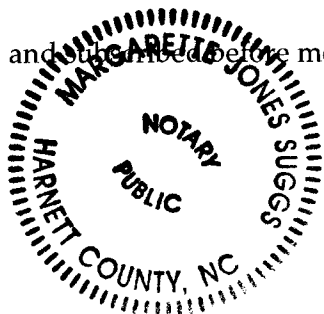
Signature

Charles Tomasino

STATE OF NORTH CAROLINA

COUNTY OF WAKE

Sworn to (or affirmed) and subscribed before me this 3rd day of April, 2013.



MARGARETTE JONES SUGGS
Margarette Jones Suggs
Signature of Notary Public

My commission expires 3-4-2015

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, I, Robert A. Mineo of Raleigh, NC, have invented certain new and useful improvements disclosed in an application for United States Letters Patent titled "Activated Gaseous Species for Improved Lubrication," Application No. 13/833,707, Docket No. 5764-021, filed on March 15, 2013.

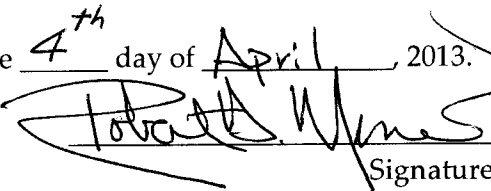
AND WHEREAS TriboFilm Research, Inc., a North Carolina Corporation (hereafter, together with any successors, legal representatives, or assigns thereof, called "Assignee"), wants to acquire the entire right, title, and interest in and to said improvement and application.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is acknowledged, I have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over to Assignee the entire right, title, and interest in and to said improvements, and said application and all divisions, substitutions, continuations, and continuations-in-part thereof, and all United States Letters Patent which may be granted thereon and all reissues and extensions thereof, and all priority rights under the Paris Convention for the Protection of Industrial Property for every member country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries; and I hereby authorize and request the United States Commissioner for Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to Assignee in accordance with the terms of this Assignment;

AND I HEREBY covenant that I have the 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 Assignee any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuations-in-part, substitute, and reissue applications, make all rightful oaths, and generally provide aid to Assignee to obtain and enforce proper patent protection for said improvements in all countries.

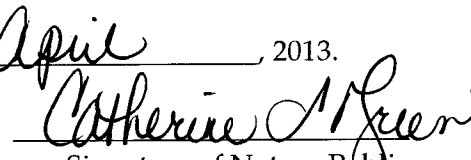
IN TESTIMONY WHEREOF, I execute this Assignment on the 4th day of April, 2013.


Signature
Robert A. Mineo

STATE OF NORTH CAROLINA

COUNTY OF Wake

Sworn to (or affirmed) and subscribed before me this 4th day of April, 2013.


Signature of Notary Public

My commission expires 02-28-2017