

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6765826

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CONSTANTINOS P. BOKIS	01/22/2018
JAVIER GUZMAN	01/22/2018
MONICA D. LOTZ	01/24/2018
MICHAEL P. LANCI	01/25/2018
CATHERINE M. DORSI	01/24/2018
SCOTT J. WEIGEL	02/23/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EXXONMOBIL CHEMICAL PATENTS INC.
<b>Street Address:</b>	5200 BAYWAY DRIVE
<b>City:</b>	BAYTOWN
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77520
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16958383
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(346)259-2495
<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>	(346) 259-0589
<b>Email:</b>	monica.j.stansberry@exxonmobil.com
<b>Correspondent Name:</b>	EXXONMOBIL CHEMICAL COMPANY
<b>Address Line 1:</b>	P.O. BOX 2149
<b>Address Line 4:</b>	BAYTOWN, TEXAS 77522-2149
<b>ATTORNEY DOCKET NUMBER:</b>	2018EM006/2
<b>NAME OF SUBMITTER:</b>	MONICA J, STANSBERRY
<b>SIGNATURE:</b>	/Monica J. Stansberry/
<b>DATE SIGNED:</b>	06/16/2021
<b>Total Attachments: 18</b>	

source=2018EM006-US2-2021-06-16-PROV-Assignments#page1.tif  
source=2018EM006-US2-2021-06-16-PROV-Assignments#page2.tif  
source=2018EM006-US2-2021-06-16-PROV-Assignments#page3.tif  
source=2018EM006-US2-2021-06-16-PROV-Assignments#page4.tif  
source=2018EM006-US2-2021-06-16-PROV-Assignments#page5.tif  
source=2018EM006-US2-2021-06-16-PROV-Assignments#page6.tif  
source=2018EM006-US2-2021-06-16-PROV-Assignments#page7.tif  
source=2018EM006-US2-2021-06-16-PROV-Assignments#page8.tif  
source=2018EM006-US2-2021-06-16-PROV-Assignments#page9.tif  
source=2018EM006-US2-2021-06-16-PROV-Assignments#page10.tif  
source=2018EM006-US2-2021-06-16-PROV-Assignments#page11.tif  
source=2018EM006-US2-2021-06-16-PROV-Assignments#page12.tif  
source=2018EM006-US2-2021-06-16-PROV-Assignments#page13.tif  
source=2018EM006-US2-2021-06-16-PROV-Assignments#page14.tif  
source=2018EM006-US2-2021-06-16-PROV-Assignments#page15.tif  
source=2018EM006-US2-2021-06-16-PROV-Assignments#page16.tif  
source=2018EM006-US2-2021-06-16-PROV-Assignments#page17.tif  
source=2018EM006-US2-2021-06-16-PROV-Assignments#page18.tif

Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)

Atty. Docket No.

2018EM006

This is an Assignment of the following rights, title and interest: (check all that apply):

United States of America rights, title and interest in the invention

Foreign rights, title and interest in the invention

United States Patent Application Serial No.: \_\_\_\_\_

Date of Execution: \_\_\_\_\_ Date of Filing: \_\_\_\_\_

United States Provisional Patent Application Serial No.: 62/619,966

Date of Filing: January 22, 2018

United States Patent No(s): \_\_\_\_\_

International (PCT) Patent Application Serial No.: \_\_\_\_\_

Other (specify) \_\_\_\_\_

Title of the Invention

"PRODUCTION AND USE OF 3,4' AND 4,4'-DIMETHYLBIPHENYL ISOMERS "

Inventors (assignors)

Name	Address
Constantinos P. Bokis	6 Devon Dale Drive, The Woodlands, Texas 77375
Javier Guzman	25202 Hobsons Corner Drive, Porter, Texas 77365
Monica D. Lotz	1131 Thornton Road, Houston, Texas 77018
Michael P. Lanci	18 Hickory Trail, Flemington, New Jersey 08822
Catherine M. Dorsi	944 W. 24th Street, Houston, Texas 77008
Scott J. Weigel	246 Elm Road, Allentown, Pennsylvania 18104

Assignee

Name	Address
ExxonMobil Chemical Patents Inc.	5200 Bayway Drive Baytown, Texas 77520

**Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)**

Atty. Docket No.

**2018EM006**

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

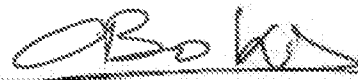
And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

UNDERSIGNED hereby authorize(s) ASSIGNEE's attorney to insert in this instrument the serial number and filing date for the above-referenced patent application.

Inventor's Signatures:

DATE

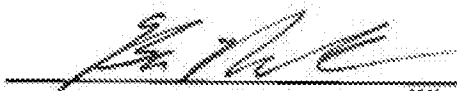
1/22/2018



Constantinos P. Bokis

Bennett Marshall

Witness (Print Name)



Witness (Signature)

Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)

Atty. Docket No.  
2018EM006

DATE \_\_\_\_\_

\_\_\_\_\_  
*Javier Guzman*

\_\_\_\_\_  
Witness (Print Name)

\_\_\_\_\_  
Witness (Signature)

DATE \_\_\_\_\_

\_\_\_\_\_  
*Monica D. Lotz*

\_\_\_\_\_  
Witness (Print Name)

\_\_\_\_\_  
Witness (Signature)

DATE \_\_\_\_\_

\_\_\_\_\_  
*Michael P. Lanci*

\_\_\_\_\_  
Witness (Print Name)

\_\_\_\_\_  
Witness (Signature)

DATE \_\_\_\_\_

\_\_\_\_\_  
*Catherine M. Dorsi*

\_\_\_\_\_  
Witness (Print Name)

\_\_\_\_\_  
Witness (Signature)

DATE \_\_\_\_\_

\_\_\_\_\_  
*Scott J. Weigel*

\_\_\_\_\_  
Witness (Print Name)

\_\_\_\_\_  
Witness (Signature)

Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)

Atty. Docket No.  
2018EM006

This is an Assignment of the following rights, title and interest: (check all that apply):

- United States of America rights, title and interest in the invention
- Foreign rights, title and interest in the invention
- United States Patent Application Serial No.: \_\_\_\_\_  
Date of Execution: \_\_\_\_\_ Date of Filing: \_\_\_\_\_
- United States Provisional Patent Application Serial No.: 62/619,966  
Date of Filing: January 22, 2018
- United States Patent No(s): \_\_\_\_\_
- International (PCT) Patent Application Serial No.: \_\_\_\_\_
- Other (specify) \_\_\_\_\_

*Title of the Invention*

"PRODUCTION AND USE OF 3,4' AND 4,4'-DIMETHYLBIPHENYL ISOMERS "

*Inventors (assignors)*

Name	Address
Constantinos P. Bakis	6 Devon Dale Drive, The Woodlands, Texas 77375
Javier Guzman	25202 Hobsons Corner Drive, Porter, Texas 77365
Monica D. Lotz	1131 Thornton Road, Houston, Texas 77018
Michael P. Lanci	18 Hickory Trail, Flemington, New Jersey 08822
Catherine M. Dorsi	944 W. 24th Street, Houston, Texas 77008
Scott J. Weigel	246 Elm Road, Allentown, Pennsylvania 18104

*Assignee*

Name	Address
ExxonMobil Chemical Patents Inc.	5200 Bayway Drive Baytown, Texas 77520

Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)

Atty. Docket No.  
2018EM006

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

UNDERSIGNED hereby authorize(s) ASSIGNEE's attorney to insert in this instrument the serial number and filing date for the above-referenced patent application.

Inventor's Signatures:

DATE \_\_\_\_\_

Constantinos P. Bokis

\_\_\_\_\_  
Witness (Print Name)

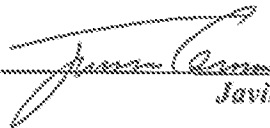
\_\_\_\_\_  
Witness (Signature)

Assignment of Rights, Title and Interest in Invention  
(Multiple Inventors; single assignee)

Atty. Docket No.  
2018EM0006

DATE

1/22/2018



Javier Guzman

Meha Rungta

Witness (Print Name)



Witness (Signature)

DATE

Monica D. Lotz

Witness (Print Name)

Witness (Signature)

DATE

Michael P. Lanci

Witness (Print Name)

Witness (Signature)

DATE

Catherine M. Dorsi

Witness (Print Name)

Witness (Signature)

DATE

Scott J. Weigel

Witness (Print Name)

Witness (Signature)



Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)

Atty. Docket No.  
2018EM006

This is an Assignment of the following rights, title and interest: (check all that apply):

United States of America rights, title and interest in the invention

Foreign rights, title and interest in the invention

United States Patent Application Serial No.: \_\_\_\_\_

Date of Execution: \_\_\_\_\_ Date of Filing: \_\_\_\_\_

United States Provisional Patent Application Serial No.: 62/619,966

Date of Filing: January 22, 2018

United States Patent No(s): \_\_\_\_\_

International (PCT) Patent Application Serial No.: \_\_\_\_\_

Other (specify) \_\_\_\_\_

Title of the Invention

"PRODUCTION AND USE OF 3,4' AND 4,4'-DIMETHYLBIPHENYL ISOMERS "

Inventors (assignors)

Name	Address
Constantinos P. Bokis	6 Devon Dale Drive, The Woodlands, Texas 77375
Javier Guzman	25202 Hobsons Corner Drive, Porter, Texas 77365
Monica D. Lotz	1131 Thornton Road, Houston, Texas 77018
Michael P. Lanci	18 Hickory Trail, Flemington, New Jersey 08822
Catherine M. Dorsi	944 W. 24th Street, Houston, Texas 77008
Scott J. Weigel	246 Elm Road, Allentown, Pennsylvania 18104

Assignee

Name	Address
ExxonMobil Chemical Patents Inc.	5200 Bayway Drive Baytown, Texas 77520

Assignment of Rights, Title and Interest in Invention  
(Multiple Inventors; single assignee)

Atty. Docket No.  
2018EM006

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

UNDERSIGNED hereby authorize(s) ASSIGNEE's attorney to insert in this instrument the serial number and filing date for the above-referenced patent application.

Inventor's Signatures:

DATE \_\_\_\_\_

\_\_\_\_\_  
Constantinos P. Bokis

\_\_\_\_\_  
Witness (Print Name)

\_\_\_\_\_  
Witness (Signature)

Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)

Atty. Docket No.  
2018EM006

DATE \_\_\_\_\_

\_\_\_\_\_  
*Javier Guzman*

\_\_\_\_\_  
Witness (Print Name)

\_\_\_\_\_  
Witness (Signature)

DATE 1-24-2018

\_\_\_\_\_  
*Monica D. Lotz*

*John S Coleman*

\_\_\_\_\_  
Witness (Print Name)

\_\_\_\_\_  
Witness (Signature)

DATE \_\_\_\_\_

\_\_\_\_\_  
*Michael P. Lanci*

\_\_\_\_\_  
Witness (Print Name)

\_\_\_\_\_  
Witness (Signature)

DATE \_\_\_\_\_

\_\_\_\_\_  
*Catherine M. Dorsi*

\_\_\_\_\_  
Witness (Print Name)

\_\_\_\_\_  
Witness (Signature)

DATE \_\_\_\_\_

\_\_\_\_\_  
*Scott J. Weigel*

\_\_\_\_\_  
Witness (Print Name)

\_\_\_\_\_  
Witness (Signature)

<b>Assignment of Rights, Title and Interest in Invention</b> (Multiple inventors; single assignee)	Atty. Docket No. 2018EM006
---	-------------------------------

This is an Assignment of the following rights, title and interest: (check all that apply):

- United States of America rights, title and interest in the invention
- Foreign rights, title and interest in the invention
- United States Patent Application Serial No.: \_\_\_\_\_  
 Date of Execution: \_\_\_\_\_ Date of Filing: \_\_\_\_\_
- United States Provisional Patent Application Serial No.: 62/619,966  
 Date of Filing: January 22, 2018
- United States Patent No(s): \_\_\_\_\_
- International (PCT) Patent Application Serial No.: \_\_\_\_\_
- Other (specify) \_\_\_\_\_

*Title of the Invention*

"PRODUCTION AND USE OF 3,4' AND 4,4'-DIMETHYLBIPHENYL ISOMERS "

*Inventors (assignors)*

Name	Address
Constantinos F. Bakis	6 Devon Dale Drive, The Woodlands, Texas 77375
Javier Guzman	25202 Hobsons Corner Drive, Porter, Texas 77365
Monica D. Lotz	1131 Thornton Road, Houston, Texas 77018
Michael P. Lanci	18 Hickory Trail, Flemington, New Jersey 08822
Catherine M. Dorsi	944 W. 24th Street, Houston, Texas 77008
Scott J. Weigel	246 Elm Road, Allentown, Pennsylvania 18104

*Assignee*

Name	Address
ExxonMobil Chemical Patents Inc.	5200 Bayway Drive Baytown, Texas 77520

Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)

Atty. Docket No.  
2018EM006

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

UNDERSIGNED hereby authorize(s) ASSIGNEE's attorney to insert in this instrument the serial number and filing date for the above-referenced patent application.

Inventor's Signatures:

DATE \_\_\_\_\_

Constantinos P. Bokis

\_\_\_\_\_  
Witness (Print Name)

\_\_\_\_\_  
Witness (Signature)

**Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)**

Atty. Docket No.  
**2018EM006**

DATE \_\_\_\_\_

\_\_\_\_\_  
*Javier Guzman*

\_\_\_\_\_  
Witness (Print Name)

\_\_\_\_\_  
Witness (Signature)

DATE \_\_\_\_\_

\_\_\_\_\_  
*Monica D. Lotz*

\_\_\_\_\_  
Witness (Print Name)

\_\_\_\_\_  
Witness (Signature)

DATE 1/25/18

\_\_\_\_\_  
*Michael P. Lanci*

*Renee Copes*

\_\_\_\_\_  
Witness (Print Name)

*Renee Copes*

\_\_\_\_\_  
Witness (Signature)

DATE \_\_\_\_\_

\_\_\_\_\_  
*Catherine M. Dorsi*

\_\_\_\_\_  
Witness (Print Name)

\_\_\_\_\_  
Witness (Signature)

DATE \_\_\_\_\_

\_\_\_\_\_  
*Scott J. Weigel*

\_\_\_\_\_  
Witness (Print Name)

\_\_\_\_\_  
Witness (Signature)

Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)

Atty. Docket No.  
2018EM006

This is an Assignment of the following rights, title and interest: (check all that apply):

United States of America rights, title and interest in the invention

Foreign rights, title and interest in the invention

United States Patent Application Serial No.: \_\_\_\_\_

Date of Execution: \_\_\_\_\_ Date of Filing: \_\_\_\_\_

United States Provisional Patent Application Serial No.: 62/619,966

Date of Filing: January 22, 2018

United States Patent No(s): \_\_\_\_\_

International (PCT) Patent Application Serial No.: \_\_\_\_\_

Other (specify) \_\_\_\_\_

Title of the Invention

"PRODUCTION AND USE OF 3,4' AND 4,4'-DIMETHYLBIPHENYL ISOMERS "

Inventors (assignors)

Name	Address
Constantinos P. Bokis	6 Devon Dale Drive, The Woodlands, Texas 77375
Javier Guzman	25202 Hobsons Corner Drive, Porter, Texas 77365
Monica D. Lotz	1131 Thornton Road, Houston, Texas 77018
Michael P. Lanci	18 Hickory Trail, Flemington, New Jersey 08822
Catherine M. Dorsi	944 W. 24th Street, Houston, Texas 77008
Scott J. Weigel	246 Elm Road, Allentown, Pennsylvania 18104

Assignee

Name	Address
ExxonMobil Chemical Patents Inc.	5200 Bayway Drive Baytown, Texas 77520

Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)

Atty. Docket No.  
2018EM006

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

UNDERSIGNED hereby authorize(s) ASSIGNEE's attorney to insert in this instrument the serial number and filing date for the above-referenced patent application.

*Inventor's Signatures:*

DATE \_\_\_\_\_

Constantinos P. Bokis

\_\_\_\_\_  
Witness (Print Name)

\_\_\_\_\_  
Witness (Signature)



**Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)**

Atty. Docket No.  
2018EM006

DATE \_\_\_\_\_

*Javier Guzman*

\_\_\_\_\_  
Witness (Print Name)

\_\_\_\_\_  
Witness (Signature)

DATE \_\_\_\_\_

*Monica D. Lotz*

\_\_\_\_\_  
Witness (Print Name)

\_\_\_\_\_  
Witness (Signature)

DATE \_\_\_\_\_

*Michael P. Lanci*

\_\_\_\_\_  
Witness (Print Name)

\_\_\_\_\_  
Witness (Signature)

DATE 02/24/18

*Catherine M. Dorsi*

*Catherine M. Dorsi*

*Seth Washburn*  
\_\_\_\_\_  
Witness (Print Name)

*Juan*  
\_\_\_\_\_  
Witness (Signature)

DATE \_\_\_\_\_

*Scott J. Weigel*

\_\_\_\_\_  
Witness (Print Name)

\_\_\_\_\_  
Witness (Signature)



Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)

Atty. Docket No.  
2018EM006

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

UNDERSIGNED hereby authorize(s) ASSIGNEE's attorney to insert in this instrument the serial number and filing date for the above-referenced patent application.

Inventor's Signatures:

DATE \_\_\_\_\_

Constantinos P. Bokis

\_\_\_\_\_  
Witness (Print Name)

\_\_\_\_\_  
Witness (Signature)

<p style="text-align: center;">Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)</p>	<p style="text-align: center;">Atty. Docket No. 2018EM006</p>
--	---

DATE \_\_\_\_\_ \_\_\_\_\_ *Javier Guzman*

\_\_\_\_\_ \_\_\_\_\_  
 Witness (Print Name) Witness (Signature)

DATE \_\_\_\_\_ \_\_\_\_\_ *Manica D. Lotz*

\_\_\_\_\_ \_\_\_\_\_  
 Witness (Print Name) Witness (Signature)

DATE \_\_\_\_\_ \_\_\_\_\_ *Michael P. Lanci*

\_\_\_\_\_ \_\_\_\_\_  
 Witness (Print Name) Witness (Signature)

DATE \_\_\_\_\_ \_\_\_\_\_ *Catherine M. Dorsi*

\_\_\_\_\_ \_\_\_\_\_  
 Witness (Print Name) Witness (Signature)

DATE February 23, 2018 \_\_\_\_\_ *Scott J. Weigel*

Lei Zhang \_\_\_\_\_  
 Witness (Print Name) Witness (Signature)