

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>Michael Cardinale</td> <td>04/03/2013</td> </tr> <tr> <td>Doug Souls</td> <td>04/09/2013</td> </tr> <tr> <td>Simon Cohn</td> <td>04/09/2013</td> </tr> <tr> <td>Jonathan B. Gabel</td> <td>04/19/2013</td> </tr> <tr> <td>Matthew D. Daniel</td> <td>04/03/2013</td> </tr> <tr> <td>Danial Paul Ferreira</td> <td>05/03/2013</td> </tr> </tbody> </table>		Name	Execution Date	Michael Cardinale	04/03/2013	Doug Souls	04/09/2013	Simon Cohn	04/09/2013	Jonathan B. Gabel	04/19/2013	Matthew D. Daniel	04/03/2013	Danial Paul Ferreira	05/03/2013
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RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>Ethicon, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>P.O. Box 151</td> </tr> <tr> <td>Internal Address:</td> <td>U.S. Route 22</td> </tr> <tr> <td>City:</td> <td>Somerville</td> </tr> <tr> <td>State/Country:</td> <td>NEW JERSEY</td> </tr> <tr> <td>Postal Code:</td> <td>08876</td> </tr> </table>		Name:	Ethicon, Inc.	Street Address:	P.O. Box 151	Internal Address:	U.S. Route 22	City:	Somerville	State/Country:	NEW JERSEY	Postal Code:	08876		
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PROPERTY NUMBERS Total: 1															
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CORRESPONDENCE DATA															
<p>Fax Number: 9083251155 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 908-689-8700 Email: mdoherty@dohertyiplaw.com Correspondent Name: Doherty & Charney LLC Address Line 1: 37 Belvidere Avenue Address Line 4: Washington, NEW JERSEY 07882</p>															
ATTORNEY DOCKET NUMBER:	ETH5757USDP														

OP \$40.00 29447579

NAME OF SUBMITTER:	Michael J. Doherty
Signature:	/michael j. doherty/
Date:	05/15/2013
<p>Total Attachments: 20</p> <p>source=FiledAssignment#page1.tif source=FiledAssignment#page2.tif source=FiledAssignment#page3.tif source=FiledAssignment#page4.tif source=FiledAssignment#page5.tif source=FiledAssignment#page6.tif source=FiledAssignment#page7.tif source=FiledAssignment#page8.tif source=FiledAssignment#page9.tif source=FiledAssignment#page10.tif source=FiledAssignment#page11.tif source=FiledAssignment#page12.tif source=FiledAssignment#page13.tif source=FiledAssignment#page14.tif source=FiledAssignment#page15.tif source=FiledAssignment#page16.tif source=FiledAssignment#page17.tif source=FiledAssignment#page18.tif source=FiledAssignment#page19.tif source=FiledAssignment#page20.tif</p>	

ASSIGNMENT

U.S. Patent Application Serial No.: 29/447,579

Filed: March 5, 2013

WHEREAS, Michael Cardinale, a citizen of the United States of America, residing at 7C Dorado Drive, Morristown, New Jersey 07960,

Doug Souls, a citizen of the United States of America, residing at 15 Park Terrace, Andover, New Jersey 07821

Simon Cohn, a citizen of the United States of America, residing at 58 Brunswick Avenue, Lebanon, New Jersey 08833,

Jonathan B. Gabel, a citizen of the United States of America, residing at 7 Beaver Dam Road, Randolph, New Jersey 07869,

Matthew D. Daniel, a citizen of the United States of America, residing at 2013 Fair Street, Ann Arbor, Michigan 48103, and

Danial Paul Ferreira, a citizen of the United States of America, residing at 145 Zion Hill Road, Milford, Connecticut 06461; (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

CONTOURED TIP

for which they have this day executed an application for Letters Patent of the United States; and

WHEREAS, Ethicon, Inc., a corporation formed under the laws of the State of New Jersey, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

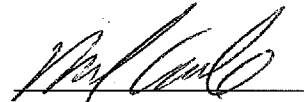
NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations to him moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and does hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if their Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.


IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 3rd day of April, 2013.


By: Michael Cardinale
Title: Assignor

STATE OF New Jersey
COUNTY OF SOMERSET } ss.

BE IT REMEMBERED, That on this 3rd day of April, 2013, before me, a Notary Public, personally appeared Michael Cardinale, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed




Notary Public
ROBERT J. TANNHAUSER
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 10/18/2014

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 9th day of APRIL, 2013

Doug Souls

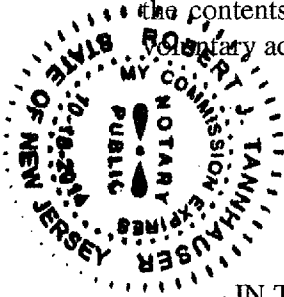
By: Doug Souls

Title: Assignor

STATE OF NEW JERSEY

COUNTY OF SOMERSET } ss.

BE IT REMEMBERED, That on this 9th day of April, 2013, before me, a Notary Public, personally appeared Doug Souls, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.



Robert J. Tannhauser

Notary Public

ROBERT J. TANNHAUSER

NOTARY PUBLIC OF NEW JERSEY

My Commission Expires 10/18/2014

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 9th day of APRIL, 2013

Simon Cohn

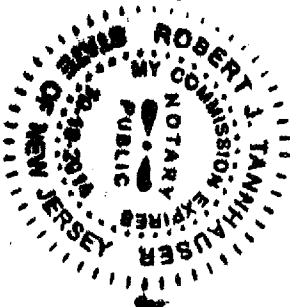
By: Simon Cohn

Title: Assignor

STATE OF NEW JERSEY

COUNTY OF SOMERSET } ss.

BE IT REMEMBERED, That on this 9th day of April, 2013, before me, a Notary Public, personally appeared Simon Cohn, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.



Robert J. Tannhauser

Notary Public

ROBERT J. TANNHAUSER

NOTARY PUBLIC OF NEW JERSEY

My Commission Expires 10/18/2014

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ____ day
of _____, _____.

By: Jonathan B. Gabel
Title: Assignor

STATE OF _____)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this ____ day of _____, _____, before me, a Notary Public, personally appeared Jonathan B. Gabel, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ____ day of _____, ____.

By: Matthew D. Daniel
Title: Assignor

STATE OF _____)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this ____ day of _____, _____, before me, a Notary Public, personally appeared Matthew D. Daniel, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ____ day
of _____, _____.

By: Danial Paul Ferreira
Title: Assignor

STATE OF _____)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this ____ day of _____, _____, before me, a Notary Public, personally appeared Danial Paul Ferreira, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed..

Notary Public

ASSIGNMENT

U.S. Patent Application Serial No.: 29/447,579
Filed: March 5, 2013

WHEREAS, Michael Cardinale, a citizen of the United States of America, residing at 7C Dorado Drive, Morristown, New Jersey 07960,

Doug Souls, a citizen of the United States of America, residing at 15 Park Terrace, Andover, New Jersey 07821

Simon Cohn, a citizen of the United States of America, residing at 58 Brunswick Avenue, Lebanon, New Jersey 08833,

Jonathan B. Gabel, a citizen of the United States of America, residing at 7 Beaver Dam Road, Randolph, New Jersey 07869,

Matthew D. Daniel, a citizen of the United States of America, residing at 2013 Fair Street, Ann Arbor, Michigan 48103, and

Danial Paul Ferreira, a citizen of the United States of America, residing at 145 Zion Hill Road, Milford, Connecticut 06461; (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

CONTOURED TIP

for which they have this day executed an application for Letters Patent of the United States; and

WHEREAS, Ethicon, Inc., a corporation formed under the laws of the State of New Jersey, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations to him moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and does hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if their Assignment and sale had not been made;

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ____ day
of _____, ____.

By: Doug Souls
Title: Assignor

STATE OF _____)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this ____ day of _____, _____, before me, a
Notary Public, personally appeared Doug Souls, who I am satisfied is the person named in and
who executed the foregoing instrument in my presence, and I having first made known to him
the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his
voluntary act and deed for the uses and purposes therein expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ____ day
of _____, ____.

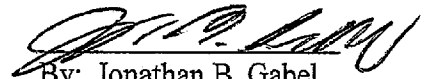
By: Simon Cohn
Title: Assignor

STATE OF _____)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this ____ day of _____, _____, before me, a
Notary Public, personally appeared Simon Cohn, who I am satisfied is the person named in and
who executed the foregoing instrument in my presence, and I having first made known to him
the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his
voluntary act and deed for the uses and purposes therein expressed.

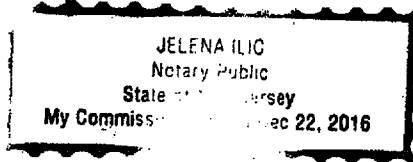
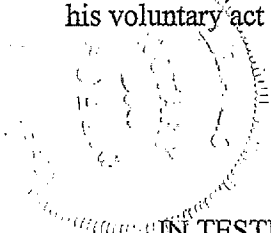
Notary Public

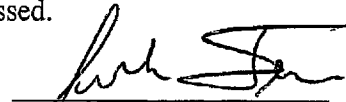
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 19 day
of April, 2013.


By: Jonathan B. Gabel
Title: Assignor

STATE OF New Jersey)
COUNTY OF Bergen) ss.

BE IT REMEMBERED, That on this 19th day of April, 2013, before me, a
Notary Public, personally appeared Jonathan B. Gabel, who I am satisfied is the person named in
and who executed the foregoing instrument in my presence, and I having first made known to
him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as
his voluntary act and deed for the uses and purposes therein expressed.




Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ____ day
of _____, ____.

By: Matthew D. Daniel
Title: Assignor

STATE OF _____)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this ____ day of _____, _____, before me, a
Notary Public, personally appeared Matthew D. Daniel, who I am satisfied is the person named
in and who executed the foregoing instrument in my presence, and I having first made known to
him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as
his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ____ day
of _____, ____.

By: Danial Paul Ferreira
Title: Assignor

STATE OF _____)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this ____ day of _____, _____, before me, a
Notary Public, personally appeared Danial Paul Ferreira, who I am satisfied is the person named
in and who executed the foregoing instrument in my presence, and I having first made known to
him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as
his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

ASSIGNMENT

U.S. Patent Application Serial No.: 29/447,579

Filed: March 5, 2013

WHEREAS, Michael Cardinale, a citizen of the United States of America, residing at 7C Dorado Drive, Morristown, New Jersey 07960,

Doug Souls, a citizen of the United States of America, residing at 15 Park Terrace, Andover, New Jersey 07821

Simon Cohn, a citizen of the United States of America, residing at 58 Brunswick Avenue, Lebanon, New Jersey 08833,

Jonathan B. Gabel, a citizen of the United States of America, residing at 7 Beaver Dam Road, Randolph, New Jersey 07869,

Matthew D. Daniel, a citizen of the United States of America, residing at 2013 Fair Street, Ann Arbor, Michigan 48103, and

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And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ____ day
of _____, _____.

By: Michael Cardinale
Title: Assignor

STATE OF _____)
) ss.
COUNTY OF _____)

BE IT REMEMBERED, That on this ____ day of _____, _____, before me, a Notary Public, personally appeared Michael Cardinale, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ____ day
of _____, ____.

By: Doug Souls
Title: Assignor

STATE OF _____)
) ss.
COUNTY OF _____)

BE IT REMEMBERED, That on this ____ day of _____, _____, before me, a Notary Public, personally appeared Doug Souls, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ____ day
of _____, ____.

By: Simon Cohn
Title: Assignor

STATE OF _____)
) ss.
COUNTY OF _____)

BE IT REMEMBERED, That on this ____ day of _____, _____, before me, a Notary Public, personally appeared Simon Cohn, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ____ day
of _____.

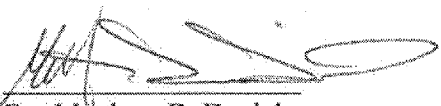
By: Jonathan B. Gabel
Title: Assignor

STATE OF _____)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this ____ day of _____, before me, a
Notary Public, personally appeared Jonathan B. Gabel, who I am satisfied is the person named in
and who executed the foregoing instrument in my presence, and I having first made known to
him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as
his voluntary act and deed for the uses and purposes therein expressed.

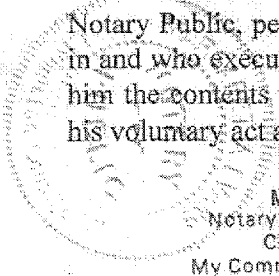
Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 3rd day
of April, 2013.


By: Matthew D. Daniel
Title: Assignor

STATE OF Michigan)
COUNTY OF Washtenaw) ss.

BE IT REMEMBERED, That on this 3rd day of April, 2013, before me, a
Notary Public, personally appeared Matthew D. Daniel, who I am satisfied is the person named
in and who executed the foregoing instrument in my presence, and I having first made known to
him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as
his voluntary act and deed for the uses and purposes therein expressed.


MARGARETA A. EVANS
Notary Public, State of Michigan
County of Livingston
My Commission Expires 06-29-2015
Acting in the County of Washtenaw


Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ____ day
of _____, ____.

By: Danial Paul Ferreira
Title: Assignor

STATE OF _____)
) ss.
COUNTY OF _____)

BE IT REMEMBERED, That on this ____ day of _____, _____, before me, a Notary Public, personally appeared Danial Paul Ferreira, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

ASSIGNMENT

U.S. Patent Application Serial No.: 29/447,579

Filed: March 5, 2013

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Simon Cohn, a citizen of the United States of America, residing at 58 Brunswick Avenue, Lebanon, New Jersey 08833,

Jonathan B. Gabel, a citizen of the United States of America, residing at 7 Beaver Dam Road, Randolph, New Jersey 07869,

Matthew D. Daniel, a citizen of the United States of America, residing at 2013 Fair Street, Ann Arbor, Michigan 48103, and

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IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ____ day
of _____, _____.

By: Michael Cardinale
Title: Assignor

STATE OF _____)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this ____ day of _____, _____, before me, a Notary Public, personally appeared Michael Cardinale, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

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Title: Assignor

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Notary Public

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Title: Assignor

STATE OF _____)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this ____ day of _____, _____, before me, a Notary Public, personally appeared Simon Cohn, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ____ day
of _____, ____.

By: Jonathan B. Gabel
Title: Assignor

STATE OF _____)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this ____ day of _____, _____, before me, a Notary Public, personally appeared Jonathan B. Gabel, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ____ day
of _____, ____.

By: Matthew D. Daniel
Title: Assignor

STATE OF _____)
) ss.
COUNTY OF _____)

BE IT REMEMBERED, That on this ____ day of _____, _____, before me, a Notary Public, personally appeared Matthew D. Daniel, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 3rd day of May, 2013.



By: Danial Paul Ferreira

Title: Assignor

STATE OF Connecticut
COUNTY OF Fairfield) ss. Shelton

BE IT REMEMBERED, That on this 3rd day of May, 2013, before me, a Notary Public, personally appeared Danial Paul Ferreira, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.



Notary Public

Comm. Expires

4-30-2017