

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5653496

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the RECITATION OF 8/8/2012 FILING DATE OF 13/204,820 AND TITLE OF "APPARATUS AND METHOD FOR MINIMALLY INVASIVE SUTURING" previously recorded on Reel 043538 Frame 0371. Assignor(s) hereby confirms the FILING DATE OF 13/204,820 IS 8/8/2011, AND TITLE OF 13/204,820 IS "DEVICES AND METHODS FOR MINIMALLY INVASIVE SUTURING".

## CONVEYING PARTY DATA

Name	Execution Date
GERALD BRECHER	06/06/2019
JOHN MEADE	05/21/2019
ROGER BASKE	07/31/2019
JOHN CARLSON	06/17/2019
MICHAEL HELANDER	06/17/2019
JAMES MURRAY	06/17/2019
WAYNE SHAKAL	06/17/2019

## RECEIVING PARTY DATA

<b>Name:</b>	ENDOEVOLUTION, LLC
<b>Street Address:</b>	190 INDUSTRIAL ROAD
<b>City:</b>	WRENTHAM
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02093

## PROPERTY NUMBERS Total: 9

Property Type	Number
Application Number:	61521110
Application Number:	13204820
PCT Number:	US1249979
Application Number:	61388648
Application Number:	12909606
Application Number:	15377562
Application Number:	13205056
PCT Number:	US1154334
Application Number:	15610277

## CORRESPONDENCE DATA

PATENT

**Fax Number:**

*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.*

**Phone:** 6512592311

**Email:** bpollack@ip-firm.com

**Correspondent Name:** BRIAN POLLACK

**Address Line 1:** 1150 NORTHLAND DRIVE, SUITE 100

**Address Line 4:** MENDOTA HEIGHTS, MINNESOTA 55120

<b>ATTORNEY DOCKET NUMBER:</b>	043538 FRAME 0371 CORR-1
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<b>NAME OF SUBMITTER:</b>	BRIAN POLLACK
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<b>SIGNATURE:</b>	/Brian Pollack/
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<b>DATE SIGNED:</b>	08/05/2019
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**Total Attachments: 16**

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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4586574

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
GERALD BRECHER	10/06/2011
JOHN MEADE	02/22/2012
JOHN AHO	02/13/2012
ROGER BASKE	02/09/2012
JAMES BLECK	02/13/2012
JOHN CARLSON	02/09/2012
MICHAEL HELANDER	02/09/2012
JAMES MURRAY	02/09/2012
WAYNE SHAKAL	02/09/2012
THOMAS EAGAN	02/09/2012
ASHLEY PERKINS	02/09/2012
JONATHAN TOWLE	02/09/2012

**RECEIVING PARTY DATA**

<b>Name:</b>	ENDOEVOLUTION, LLC
<b>Street Address:</b>	10 COMMERCE WAY
<b>Internal Address:</b>	SUITE 5
<b>City:</b>	RAYNHAM
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02767

**PROPERTY NUMBERS Total: 9**

Property Type	Number
Application Number:	61521110
Application Number:	13204820
PCT Number:	US1249979
Application Number:	61388648
Application Number:	12909606
Application Number:	15377562
Application Number:	13205056
PCT Number:	US1154334

**PATENT**

504539867

**REEL: 049964 FRAME: 0871**

<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15610277

**CORRESPONDENCE DATA**

**Fax Number:**  
*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.*

**Phone:** 651-259-2311

**Email:** bpollack@ip-firm.com

**Correspondent Name:** BRIAN POLLACK

**Address Line 1:** CRAWFORD MAUNU PLLC, 1150 NORTHLAND DRIVE

**Address Line 2:** SUITE 100

**Address Line 4:** MENDOTA HEIGHTS, MINNESOTA 55120

<b>ATTORNEY DOCKET NUMBER:</b>	ENDO.106 FAMILY
<b>NAME OF SUBMITTER:</b>	BRIAN POLLACK
<b>SIGNATURE:</b>	/Brian Pollack/
<b>DATE SIGNED:</b>	09/08/2017

**Total Attachments: 8**

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**CORRECTIVE ASSIGNMENT BY INVENTORS**

**THIS CORRECTIVE ASSIGNMENT**, by Gerald I. Brecher; John C. Meade; John Aho; Roger Baske; James H. Bleck; John F. Carlson; Thomas Eagan; Michael J. Helander; James W. Murray; Ashley Perkins; Wayne A. Shakal; and Jonathan Towle (hereinafter referred to as Assignors);

**WHEREAS**, Assignors have invented certain new and useful improvements set forth in U.S. Patent Application No. 13/204,820, filed August 8, 2011, and issued as U.S. Patent No. 9,775,600 on October 3, 2017;

**WHEREAS**, Assignors previously executed an assignment (copy annexed hereto) that purported to transfer all right title and interest in the subject application to Assignee, wherein said assignment incorrectly stated the filing date of said application as being August 8, 2012 instead of August 8, 2011, and incorrectly recited the title as being "APPARATUS AND METHOD FOR MINIMALLY INVASIVE SUTURING" instead of "DEVICES AND METHODS FOR MINIMALLY INVASIVE SUTURING"; and

**WHEREAS**, EndoEvolution, LLC, a limited liability company organized under and pursuant to the laws of Delaware having its principal place of business at 190 Industrial Road, Suite 2, Wrentham, MA 02093 USA (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said improvements and said Applications for Letters Patent, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors acknowledge that they have each sold, assigned, transferred and set over, and to the extent not already transferred to Assignee, by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the

United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Provisional application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.


**AND** Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

**AND** Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

CRAWFORD MAUNU PLLC

All practitioners at Customer Number 40581

**AND** Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: June 6, 2015 Signature:   
Gerald I. Brecher

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
John C. Meade

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
John Aho

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Roger Baske

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
James H. Bleck

ENDO.106CIP

**AND** Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

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CRAWFORD MAUNU PLLC

All practitioners at Customer Number 40581

**AND** Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Gerald I. Brecher

Date: 5/21/2019

Signature: John C. Meade  
John C. Meade

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
John Aho

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Roger Baske

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
James H. Bleck

ENDO.106CIP

**AND** Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

**AND** Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

CRAWFORD MAUNU PLLC

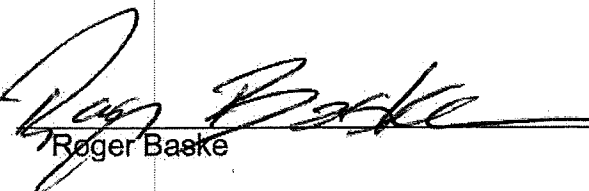
All practitioners at Customer Number 40581

**AND** Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

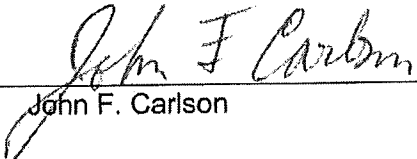
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Gerald I. Brecher

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
John C. Meade

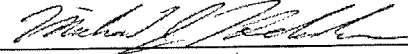
Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
John Aho

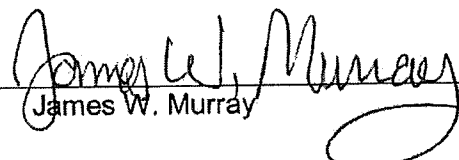
Date: July 31, 2019 Signature:   
Roger Baske

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
James H. Bleck

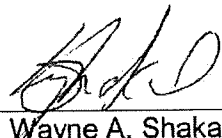
Date: 6-17-2019 Signature:   
John F. Carlson

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Thomas Eagan

Date: 6-17-2019 Signature:   
Michael J. Helander

Date: 6/17/19 Signature:   
James W. Murray

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Ashley Perkins

Date: 6/17/19 Signature:   
Wayne A. Shakal

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Jonathan Towle

## ASSIGNMENT BY INVENTORS

**THIS ASSIGNMENT**, by Gerald I. Brecher; John C. Meade; John Aho; Roger Baske; James H. Bleck; John F. Carlson; Thomas Eagan; Michael J. Helander; James W. Murray; Ashley Perkins; Wayne A. Shakal; and Jonathan Towle (hereinafter referred to as Assignors), residing at 488 Pleasant Street, North Andover, Massachusetts 01845; 85 Millville Road, Mendon, Massachusetts 01756; 499 Reservoir Road, Lunenburg, Massachusetts 01462; 16595 W. Wadsworth Road, Old Mill Creek, Illinois 60083; 58 High Street, Chelmsford, Massachusetts 01824; 4950 Keats Ave. N., Lake Elmo, Minnesota 55042; 10 Rack Road, Chelmsford, Massachusetts 01824; 441 Norway Lane, Somerset, Wisconsin 54025; 750 5th Avenue, Clear Lake, Wisconsin 54005; 1975 Middlesex Street #3, Lowell, Massachusetts 01851; 655 Caneday Ct., Taylor Falls, Minnesota 55084; and 45 Belleview Drive, Amherst, New Hampshire 03031, respectively;

/MJH/ (6/17/2019), /JWM/ (6/17/2019), /WAS/ (6/17/2019)

**WHEREAS**, Assignors have invented certain new and useful improvements in APPARATUS AND METHOD FOR MINIMALLY INVASIVE SUTURING, set forth in an application for Letters Patent of the United States, filed on August 8, 2012 as U. S. Application No. 13/204,820; and  
2011  
/GIB/ (6/6/2019), /JCM/ (5/21/2019), /RB/ (7/31/2019), /JC/ (6/17/2019)

**WHEREAS**, EndoEvolution, LLC, a limited liability company organized under and pursuant to the laws of Delaware having its principal place of business at 51 Middlesex Street, North Chelmsford, Massachusetts 01863 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect

divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Provisional application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

**AND** Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

EDWARDS ANGELL PALMER & DODGE LLP

All practitioners at Customer Number 21874

**AND** Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: 10.06.2011

Signature: \_\_\_\_\_

Gerald I. Brecher

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

John C. Meade

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

John Aho

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Roger Baske

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

James H. Bleck

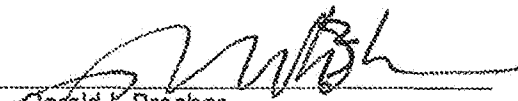
**AND** Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.


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EDWARDS ANGELL PALMER & DODGE LLP

All practitioners at Customer Number 21874

**AND** Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: 12-26-2011      Signature:   
Gerald F. Brecher

Date: 2-22-12      Signature:   
John C. Meade

Date: \_\_\_\_\_      Signature: \_\_\_\_\_  
John Aho

Date: \_\_\_\_\_      Signature: \_\_\_\_\_  
Roger Baske

Date: \_\_\_\_\_      Signature: \_\_\_\_\_  
James H. Bleck

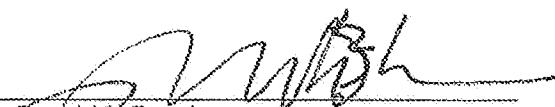
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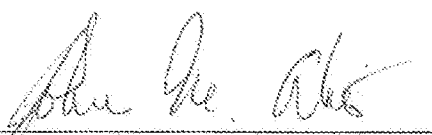
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All practitioners at Customer Number 21874

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Date: 10-06-2011 Signature:   
Gerald I. Brecher

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
John C. Meade

Date: 2/13/2012 Signature:   
John Aho

Date: 2/09/2012 Signature:   
Roger Baske

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
James H. Bleck

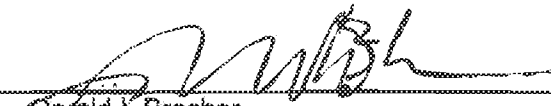
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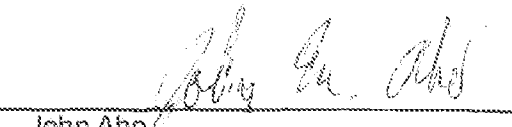
EDWARDS ANGELL PALMER & DODGE LLP

All practitioners at Customer Number 21874

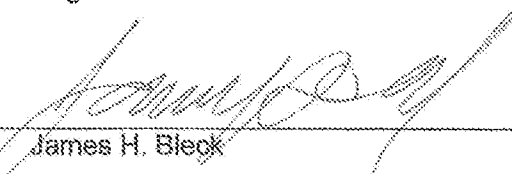
AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

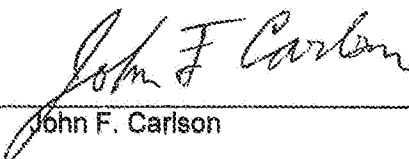
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Gerald I. Brecher

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
John C. Meade

Date: 2-9-2012 Signature:   
John Aho

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Roger Baske

Date: 2-13-2011 Signature:   
Should say "2012", not "2011"  
James H. Bleck


Date: 2-9-2012 Signature:   
John F. Carlson

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Thomas Eagan

Date: 2-9-2012 Signature:   
Michael J. Helander


Date: 2-9-2012 Signature:   
James W. Murray

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Ashley Perkins

Date: 2-9-12 Signature:   
Wayne A. Shakal

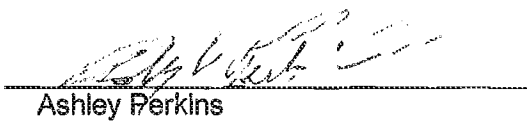
Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Jonathan Towle

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
John F. Carlson

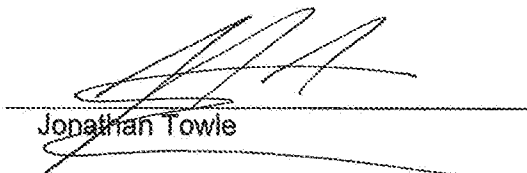
Date: 2-9-2012 Signature:   
Thomas Eagan

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Michael J. Helander

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
James W. Murray

Date: 2-9-12 Signature:   
Ashley Perkins

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Wayne A. Shakal

Date: 2-9-12 Signature:   
Jonathan Towle