

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>Tim Barrow-Williams</td><td>12/02/2008</td></tr><tr><td>Matthew J. Brady</td><td>12/02/2008</td></tr><tr><td>Nigel D. Harrison</td><td>12/02/2008</td></tr><tr><td>David M. Johnston</td><td>11/26/2008</td></tr></tbody></table>		Name	Execution Date	Tim Barrow-Williams	12/02/2008	Matthew J. Brady	12/02/2008	Nigel D. Harrison	12/02/2008	David M. Johnston	11/26/2008
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Ethicon Endo-Surgery, Inc.</td></tr><tr><td>Street Address:</td><td>4545 Creek Road</td></tr><tr><td>City:</td><td>Cincinnati</td></tr><tr><td>State/Country:</td><td>OHIO</td></tr><tr><td>Postal Code:</td><td>45242</td></tr></table>		Name:	Ethicon Endo-Surgery, Inc.	Street Address:	4545 Creek Road	City:	Cincinnati	State/Country:	OHIO	Postal Code:	45242
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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>11579560</td></tr></tbody></table>		Property Type	Number	Application Number:	11579560						
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Application Number:	11579560										
CORRESPONDENCE DATA											
Fax Number: (513)337-4030 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 513-337-8559											
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Correspondent Name: Philip S. Johnson, Esq.											
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ATTORNEY DOCKET NUMBER:	CCS5005USPCT										
NAME OF SUBMITTER:	Kimberly Moses										
Total Attachments: 7 source=CCS5005USPCTAsnSigned#page1.tif											

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PATENT  
REEL: 021982 FRAME: 0832

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ASSIGNMENT

Serial No. 11/579,560  
Filed: November 3, 2006

WHEREAS, **Tim Barrow-Williams**, citizen of the Great Britain, residing at 200 London Road, St. Albans, Hertfordshire, AL1 1PL, United Kingdom; **Matthew J. Brady**, citizen of the Great Britain, residing at ~~9 Newlands, Letchworth, Hertfordshire, SG6 2JE, United Kingdom~~ <sup>6, WATLE CLOSE, CAMBOURNE, CAMBS CB23 6BU</sup> *M.J. Brady*; **David M. Johnston**, citizen of the Great Britain, residing at 10 Hulse Street, Robbinsville, New Jersey 08691 USA; and **Nigel D. Harrison**, citizen of the Great Britain, residing at 15 Barley Way, Linton, Cambridge, CB1 6YN, United Kingdom (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

INJECTION DEVICE

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

WHEREAS, Ethicon Endo-Surgery, Inc., a corporation formed under the laws of the State of Ohio, (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 them moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do 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 this Assignment and sale had not been made;

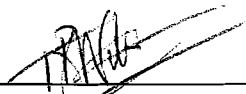
And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;


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 2nd day of December, 2008.

  
\_\_\_\_\_  
Tim Barrow-Williams (L.S.)

 KINGDOM  
STATE OF ENGLAND )  
 ) ss.  
COUNTY OF HERTFORDSHIRE)

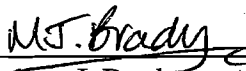
BE IT REMEMBERED, That on this 2nd day of December, 2008, before me, a Notary Public, personally appeared Tim Barrow-Williams, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.




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

MARTIN E. BUCHNER  
Scrivener Notary of London, England  
My Commission expires with life.

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 2nd day of December, 2008.

  
\_\_\_\_\_  
Matthew J. Brady (L.S.)

 KINGDOM  
STATE OF ENGLAND )  
 ) ss.  
COUNTY OF HERTFORDSHIRE)

BE IT REMEMBERED, That on this 2nd day of December, 2008, before me, a Notary Public, personally appeared Matthew J. Brady, 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

MARTIN E. BUCHNER  
Scrivener Notary of London, England  
My Commission expires with life.

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PATENT

REEL: 021982 FRAME: 0835

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this  
\_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
David M. Johnston (L.S.)

STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

BE IT REMEMBERED, That on this \_\_\_\_\_ day of \_\_\_\_\_, 2008, before me, a Notary Public, personally appeared David M. Johnston, 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  
2nd day of December, 2008.

Nigel D. Harrison (L.S.)  
Nigel D. Harrison

KINGDOM  
~~XXXXX~~ STATE OF ENGLAND )  
 ) ss.  
~~X~~ COUNTY OF HERTFORDSHIRE

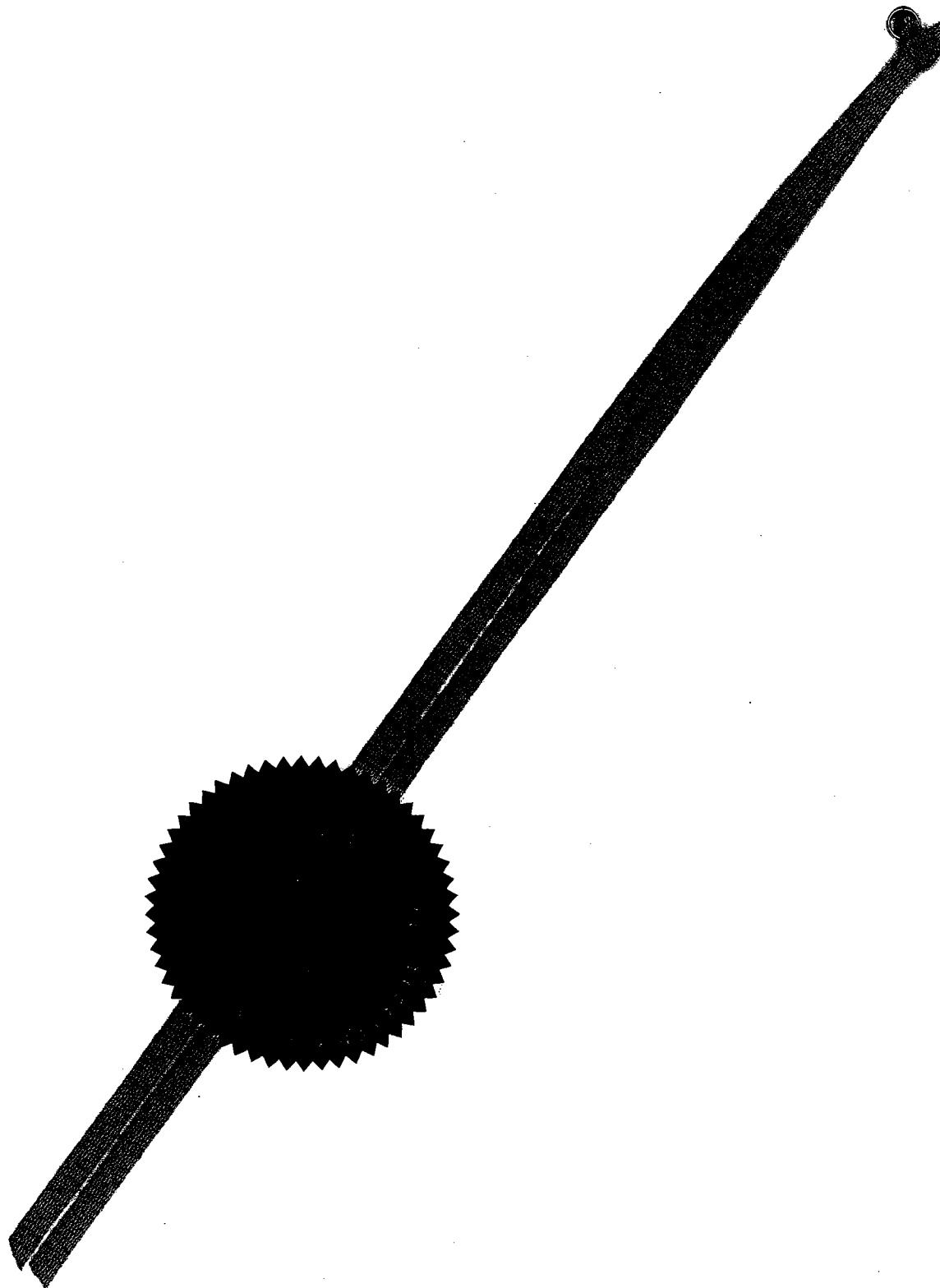
BE IT REMEMBERED, That on this 2nd day of December, 2008, before me, a Notary Public, personally appeared Nigel D. Harrison, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.



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

MARTIN E. BUCHNER  
Scrivener Notary of London, England  
My Commission expires 06/05/2010 USPCT

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PATENT  
REEL: 021982 FRAME: 0837

## A S S I G N M E N T

Serial No. 11/579,560

Filed: November 3, 2006

WHEREAS, **Tim Barrow-Williams**, citizen of the Great Britain, residing at 200 London Road, St. Albans, Hertfordshire, AL1 1PL, United Kingdom; **Matthew J. Brady**, citizen of the Great Britain, residing at 9 Newlands, Letchworth, Hertfordshire, SG6 2JE, United Kingdom; **David M. Johnston**, citizen of the Great Britain, residing at 10 Hulse Street, Robbinsville, New Jersey 08691 USA; and **Nigel D. Harrison**, citizen of the Great Britain, residing at 15 Barley Way, Linton, Cambridge, CB1 6YN, United Kingdom (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

## I N J E C T I O N   D E V I C E

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

WHEREAS, Ethicon Endo-Surgery, Inc., a corporation formed under the laws of the State of Ohio, (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 them moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do 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 this 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 \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Tim Barrow-Williams (L.S.)

STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

BE IT REMEMBERED, That on this \_\_\_\_\_ day of \_\_\_\_\_, 2008, before me, a Notary Public, personally appeared Tim Barrow-Williams, 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 \_\_\_\_\_, 2008.

\_\_\_\_\_  
Matthew J. Brady (L.S.)

STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

BE IT REMEMBERED, That on this \_\_\_\_\_ day of \_\_\_\_\_, 2008, before me, a Notary Public, personally appeared Matthew J. Brady, 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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Page 2 of 3

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this  
26 day of November, 2008.

David M. Johnston (L.S.)  
David M. Johnston

STATE OF NY )  
COUNTY OF Middlesex ) ss.

BE IT REMEMBERED, That on this 26 day of November, 2008, before me, a Notary Public, personally appeared David M. Johnston, 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.

Susan C. Cunningham  
Notary Public  
**Susan C. Cunningham**  
**Notary Public of New Jersey**  
**My Commission Expires**  
**06-12-12**

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this  
\_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Nigel D. Harrison (L.S.)

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.

BE IT REMEMBERED, That on this \_\_\_\_\_ day of \_\_\_\_\_, 2008, before me, a Notary Public, personally appeared Nigel D. Harrison, 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

CCS5005USPCT  
Page 3 of 3