

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>Christy Ludlow</td><td>10/01/2008</td></tr><tr><td>Christopher Poletto</td><td>09/30/2008</td></tr><tr><td>Ianessa Humbert</td><td>10/01/2008</td></tr></tbody></table>		Name	Execution Date	Christy Ludlow	10/01/2008	Christopher Poletto	09/30/2008	Ianessa Humbert	10/01/2008
Name	Execution Date								
Christy Ludlow	10/01/2008								
Christopher Poletto	09/30/2008								
Ianessa Humbert	10/01/2008								
RECEIVING PARTY DATA									
Name:	The Government of the United States, as represented by the Secretary, Department of Health and Human Services								
Street Address:	6011 Executive Blvd., Suite 325								
City:	Rockville								
State/Country:	MARYLAND								
Postal Code:	20852								
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>11993094</td></tr></tbody></table>		Property Type	Number	Application Number:	11993094				
Property Type	Number								
Application Number:	11993094								
CORRESPONDENCE DATA									
Fax Number:	(612)332-9081								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	(612)371-5311								
Email:	sboerboom@merchantgould.com								
Correspondent Name:	Katherine M. Kowalchyk								
Address Line 1:	Merchant & Gould P.C.								
Address Line 2:	Suite 3200 IDS Center, 80 S. 8th St.								
Address Line 4:	Minneapolis, MINNESOTA 55402								
ATTORNEY DOCKET NUMBER:	11613.88USWO								
NAME OF SUBMITTER:	Katherine M. Kowalchyk								
Total Attachments: 9									

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PATENT  
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## ASSIGNMENT

WHEREAS, we, Christy Ludlow, residing at 8801 Garfield St., Bethesda, Maryland 20817; Christopher Poletto, residing at 5 E. Oriole Ln., North Oaks, Minnesota 55127; and Ianessa Humbert, residing at 5 Stockton Road, Silver Spring, Maryland 20901, employees of the Department of Health and Human Services, have invented SYSTEMS AND METHODS FOR RECOVERY FROM MOTOR CONTROL VIA STIMULATION TO A SUBSTITUTED SITE TO AN AFFECTED AREA for which we have made application for Letters Patent of the United States Serial No. 11/993,094, filed December 19, 2007; and

WHEREAS, we are applicants named in the above-mentioned application for Letters Patent; and

WHEREAS, the conditions under which said invention was made are such as to entitle The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services (hereinafter THE GOVERNMENT) under Paragraph 1(a) of Executive Order 10096, to the entire right, title, and interest herein, both domestic and foreign; and

WHEREAS, THE GOVERNMENT is desirous of acquiring all domestic and foreign right, title, and interest in the above-mentioned invention described in the application for Letters Patent; and

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby assign and transfer to THE GOVERNMENT, as represented by the Secretary, Department of Health and Human Services, the full and exclusive rights in and to the said invention in the United States of America and within each and every foreign country in which THE GOVERNMENT elects to file and the entire right, title, and interest in and to such applications, and any continuations, continuations-in-part, divisions, reissues or extensions thereof, and including priority rights as may be filed in the United States of America and foreign countries, and such Letters Patent as may be granted to be held by the GOVERNMENT to the end of the term for which the same would have been held by the inventor had this assignment not been made.

We further agree to make, execute, and deliver to the Secretary, Department of Health and Human Services, upon request, any and all papers, documents, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for improvements or reissues of Letters Patent, and to assist THE GOVERNMENT in every way as may be requested in protecting said invention, provided that any expense of extending such assistance shall be paid by THE GOVERNMENT.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 1<sup>st</sup> day of  
October, 2008

Christy Ludlow  
Christy Ludlow

STATE OF Maryland )  
 ) ss.  
COUNTY OF Montgomery

On this 1 day of October, 2008, before me personally appeared Christy Ludlow to  
me known and known to me to be the person described in and who executed the foregoing instrument,  
and he duly acknowledged to me that she executed the same for the uses and purposes therein set forth.

[SEAL]

John T. Sweet  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of  
\_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Christopher Poletto

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

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared Christopher Poletto  
to me known and known to me to be the person described in and who executed the foregoing instrument,  
and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

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

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Ianessa Humbert

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

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared Ianessa Humbert to me known and known to me to be the person described in and who executed the foregoing instrument, and she duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

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

## ASSIGNMENT

WHEREAS, we, Christy Ludlow, residing at 8801 Garfield St., Bethesda, Maryland 20817; Christopher Poletto, residing at 5 E. Oriole Ln., North Oaks, Minnesota 55127; and Ianessa Humbert, residing at 5 Stockton Road, Silver Spring, Maryland 20901, employees of the Department of Health and Human Services, have invented SYSTEMS AND METHODS FOR RECOVERY FROM MOTOR CONTROL VIA STIMULATION TO A SUBSTITUTED SITE TO AN AFFECTED AREA for which we have made application for Letters Patent of the United States Serial No. 11/993,094, filed December 19, 2007; and

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\_\_\_\_\_  
Christy Ludlow

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

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[SEAL]

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

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30<sup>th</sup> day of September, 2008.

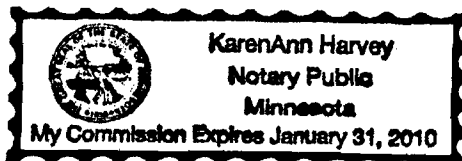
Chris Poletto  
Christopher Poletto

STATE OF MN )  
 ) ss.  
COUNTY OF Anoka )

On this 30<sup>th</sup> day of Sept, 2008, before me personally appeared Christopher Poletto to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

KarenAnn Harvey  
Notary Public  
My Commission Expires Jan 31, 2010



\_\_\_\_\_, 20\_\_\_\_.

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

[SEAL]

3



## ASSIGNMENT

WHEREAS, we, Christy Ludlow, residing at 8801 Garfield St., Bethesda, Maryland 20817; Christopher Poletto, residing at 5 E. Oriole Ln., North Oaks, Minnesota 55127; and Ianessa Humbert, residing at 5 Stockton Road, Silver Spring, Maryland 20901, employees of the Department of Health and Human Services, have invented SYSTEMS AND METHODS FOR RECOVERY FROM MOTOR CONTROL VIA STIMULATION TO A SUBSTITUTED SITE TO AN AFFECTED AREA for which we have made application for Letters Patent of the United States Serial No. 11/993,094, filed December 19, 2007; and

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\_\_\_\_\_  
Christy Ludlow

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

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_, before me personally appeared Christy Ludlow to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that she executed the same for the uses and purposes therein set forth.

[SEAL]

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

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Christopher Poletto

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

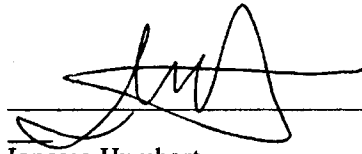
On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_, before me personally appeared Christopher Poletto to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

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

Notary Public

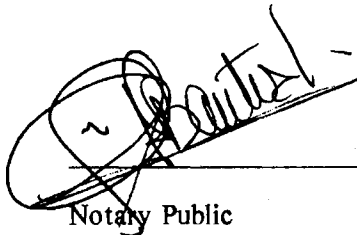
IN TESTIMONY WHEREOF, I have hereunto set my hand this 1<sup>st</sup> day of  
October, 2008.



Ianessa Humbert

STATE OF Maryland )  
COUNTY OF Montgomery ) ss.

On this 1<sup>st</sup> day of October, 2008 before me personally appeared Ianessa Humbert to me known and known to me to be the person described in and who executed the foregoing instrument, and she duly acknowledged to me that he executed the same for the uses and purposes therein set forth.



Notary Public

SHAROL A. BAUTISTA  
NOTARY PUBLIC  
PRINCE GEORGE'S COUNTY  
MARYLAND  
MY COMMISSION EXPIRES AUG. 15, 2009