I Mirely certify that this correspondence is being deposited with the United Street Postal Streine as that clear mell, with fulfilliant pushing, in an envelope addressed on Communicating of Patents and Transcenses, Mail Stop Amigraments, P. O.

uffinient pusings, in an envelope addressed or Commission 1450, Altimaticis, VA 22513-7450 or April 26, 2004.

14/29/2004 EMEREE 00000020 10850543)1 FC:8021

40.00 OP

ndag for pick pumple saver since is entime of to everage abour 30 minute per document to be recorded, besteding these for reviewing the deprecent and gettering the data leging underwheeling the dampin easier stock is gettered a specific this benefit actions by the U.S. Principes of restered and perfect and perfect of the contract of

A A ALL

PATENT

\$40.00 132725

ASSIGNMENT

WHEREAS, we, Barry J. Richmond, residing at 5306 Elsmere Avenue, Bethesda, MD 20814, and Matthew Wiener, residing at 252 Scotch Plains Avenue, Westfield NJ 07090, employees of the Department of Health and Human Services, have invented DECODING ALGORITHM FOR NEURONAL RESPONSES for which we have made application for Letters Patent of the United States Serial No. , filed July 2, 2003; 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 under Paragraph 1(a) of Executive Order 10096 to the entire right, title, and interest herein, both domestic and foreign; and

WHEREAS, the Government of the United States 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, we hereby assign and transfer to the United States of America, represented by the Secretary, Department of Health and Human Services, the full and exclusive rights in and to said invention in the U.S. 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 U.S. 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 inventors 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.

PATENT REEL: 017143 FRAME: 0522

! ,

, IN TESTIMONY WHE	REOF, I have hereunto set my hand this $\frac{274}{2}$ day of
	\wedge
, ,	Frank J. Kriller
	Barry J. Richmond
STATE OF Mary land	V
STATE OF Mary land) ss. COUNTY OF Montgomes	
On this $\gamma^{1,1}$ days of	April, 2004, before me personally appeared Barry J.
	to be the person described in and who executed the foregoing
therein set forth.	o me that he executed the same for the uses and purposes
therein set forth.	LEAH J. DAVIS
FORALI	NOTARY PUBLIC MONTGOMERY COUNTY
[SEAL]	Notary Parolic MY COMMISSION EXPIRES FEB. 27, 20
	MT COMMISSION EXPINESTED. 27, 20
YN GERGEEN CONN. WINNE	
	REOF, I have hereunto set my hand this day of
, 20	
	Matthew Wiener
STATE OF	
) ss.	
COUNTY OF	
On this	20 7 6 4 4 1
	, 20, before me personally appeared Matthew
	be the person described in and who executed the foregoing
	me that he executed the same for the uses and purposes
therein set forth.	
COT A V	
[SEAL]	Notary Public

PATENT

ASSIGNMENT

WHEREAS, we, Barry J. Richmond, residing at 5306 Elsmere Avenue, Bethesda, MD 20814, and Matthew Wiener, residing at 252 Scotch Plains Avenue, Westfield NJ 07090, employees of the Department of Health and Human Services, have invented DECODING ALGORITHM FOR NEURONAL RESPONSES for which we have made application for Letters Patent of the United States Serial No. , filed July 2, 2003; 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 under Paragraph 1(a) of Executive Order 10096 to the entire right, title, and interest herein, both domestic and foreign; and

WHEREAS, the Government of the United States 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, we hereby assign and transfer to the United States of America, represented by the Secretary, Department of Health and Human Services, the full and exclusive rights in and to said invention in the U.S. 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, continuationsin-part, divisions, reissues or extensions thereof, and including priority rights as may be filed in the U.S. 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 inventors 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.

PATENT

REEL: 017143 FRAME: 0524

, 20	
Barry J. Richmond	
STATE OF)	
STATE OF)) ss. COUNTY OF)	
COUNTI OF	
On this day of, 20, before me personally appeared Barry J.	ı
Richmond to me known and known to me to be the person described in and who executed the forego	ing
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 July	
J./4 ,2003.	
Matt Wiene	_
Matthew Wiener	
STATE OF New Tersey	
STATE OF New Tersey COUNTY OF Union Ss.	
On this 10 day of July, 2003, before me personally appeared Matthew	
Wiener 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.	
Muia Mita	
SONIA NEWMAN Notary Public	_
Notary Public State of New Jersey	
My Commission Expires Jul 1, 2006	

PATENT REEL: 017143 FRAME: 0525