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Atty. Ref. No. 4239-64814

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DIRECTOR FOR PO BOX 1450 ALEXANDRIA, V	PATENTS	101	2573688	
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	eying Party(ies) and E		1077an	Check here if additional name(s) attach
Name(s): (	<ol> <li>Abraham Zangen, (2</li> <li>Yiftach Roth</li> </ol>	) Roy A. Wise, (3) M 003, (2) July 14, 2003	ark Hallett, (4) Pedr	o Cavaleiro Miranda, and 2003, (4) July 15, 2003,
3. Name and add	ress of receiving party		Check here if addit	ional name(s) & address(es) are attach
	Government of the Unit ealth and Human Servic			ne Secretary of the Departmen
Offi	onal Institutes of Health ce of Technology Trans Executive Boulevard			
City Roc	kville St	ate/Country MD		Zip 20852
4. Nature of Con	•	Security Agreement	Name Change	e 🗌 Other:
5. Total number	of applications and par	tents involved: 1		
	osed (37 C.F.R. § 3.41)			
				deposit account 02-4550
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9. Correspondent Patrick M. Bibl	's name, address, and t e	telephone number		0PF
Klarquist Sparl	,			
One World Tra 121 S.W. Salm	de Center, Suite 1600			-9 AN 7: /FINANCE
Portland, Orego				AN
Telephone: 50				• •
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	signature To the best		belief, the foregoin	g information is true and
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## ASSIGNMENT

We, Abraham Zangen, of Hamamzi 15 apt 18, Har Homa, Jerusalem, Israel, a citizen of Isreal; Roy A. Wise, of 305 East Highfield Road, Baltimore, MD 21218-1107, a citizen of United States; Mark Hallett, of 5147 Westbard Avenue, Bethesda, MD 20816-1413, a citizen of United States; Pedro Cavaleiro Miranda, of Rua Poeta Bocage, 10 5Esq., 1600-581 Lisbon, Portugal; a citizen of Portugal; and Yiftach Roth of 13 Barkai Street, Ramat-Gan 52376, Israel, a citizen of Israel, have invented a certain invention entitled COIL FOR MAGNETIC STIMULATION for which the following patent applications have been filed:

U.S. Provisional Patent Application No. 60/242,297, filed on October 20, 2000; PCT Application No. PCT/US01/50737 filed on October 19, 2001; and U.S. Application No. 10/399,559 filed on April 18, 2003;

all of which applications are collectively referred to herein as "the patent applications."

We were employed by the Department of Health and Human Services at the time the invention was made. The conditions under which said invention was made are such as to entitle the Government of the United States of America under Paragraph 1(a) of Executive Order 10096, to the entire right, title, and interest in the invention, in the United States and all other countries throughout the world.

In consideration of our obligations under Executive Order 10096, and other valuable consideration, we the undersigned, have sold, assigned, and transferred and do sell, assign, and transfer to The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services (hereinafter THE GOVERNMENT), and successors and assigns, the full and exclusive right, title, and interest in the patent applications and invention throughout the United States of America, its territories and dependencies, and all other countries. This includes an assignment of all Letters Patent that may be granted on the invention in the United States of America and all countries throughout the world, and any divisional, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof; and the right to claim priority from the patent applications as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law.

We authorize and request the issuance of said Letters Patent to THE GOVERNMENT as assignee of the entire right, title, and interest to be held as fully and entirely as the same would have been held by us had this assignment not been made.

We warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied that will impair, diminish, limit, or abridge the interest herein conveyed at the time of the execution of the present assignment.

We also agree upon reasonable request to communicate to THE GOVERNMENT, its representatives, assigns or agents, any facts known to us respecting the invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, provide all requested documents, and do everything reasonably possible to aid THE GOVERNMENT and its assigns to obtain and enforce proper patent protection for the invention in the United States or any foreign country. These provisions are binding upon our heirs, legal representatives, administrators and assigns.

ASSIGNMENT - Page 1 of 4

We have authorized THE GOVERNMENT to file and prosecute the patent applications, as well as any corresponding international or national applications that claim priority from them. THE GOVERNMENT has the right to select attorneys or agents of its choice to prosecute at its discretion the patent applications on its behalf.

We grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Executed at <u>Rehavit</u>, <u>Israel</u> on this <u>13</u><sup>th</sup> day of <u>July</u> , 2003. Abraham Zangen Locsel Alex Witnessed by Name (Print) Loebel Alex Date <u>13.7.03</u>

ASSIGNMENT - Page 2 of 4

Dated:		 	

Roy A. Wise

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

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named Roy A. Wise, who executed the foregoing Assignment in my presence, and who acknowledged to me that it was executed under that person's own free will for the purposes set forth therein.

Notary Public for \_\_\_\_\_\_ My commission expires:

[SEAL]

Dated: \_\_\_\_\_

Mark Hallett

STATE OF	)	
	)	SS.
COUNTY OF	)	

This \_\_\_\_\_ day of \_\_\_\_\_\_, 2003, before me personally came the above-named Mark Hallett, who executed the foregoing Assignment in my presence, and who acknowledged to me that it was executed under that person's own free will for the purposes set forth therein.

Notary Public for \_\_\_\_\_\_ My commission expires:

[SEAL]

ASSIGNMENT - Page 3 of 4

Executed at	on this day of	, 2003.
	Pedro Cavaleiro Miranda	
Witnessed by		
Name (Print)		
Date		
	, ,	
		<u></u>
Executed at Rounat - G	an Israel on this 13th day of July	, 2003.
	Y. Roth Yiftach Roth	
Witnessed by Name (Print) Anupam		
	Sah	
Date 13/7/3		

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ASSIGNMENT - Page 4 of 4

## ASSIGNMENT

We, Abraham Zangen, of Hamamzi 15 apt 18, Har Homa, Jerusalem, Israel, a citizen of Isreal; Roy A. Wise, of 305 East Highfield Road, Baltimore, MD 21218-1107, a citizen of United States; Mark Hallett, of 5147 Westbard Avenue, Bethesda, MD 20816-1413, a citizen of United States; Pedro Cavaleiro Miranda, of Rua Poeta Bocage, 10 5Esq., 1600-581 Lisbon, Portugal; a citizen of Portugal; and Yiftach Roth of 13 Barkai Street, Ramat-Gan 52376, Israel, a citizen of Israel, have invented a certain invention entitled COIL FOR MAGNETIC STIMULATION for which the following patent applications have been filed:

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IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Executed at \_\_\_\_\_\_ on this \_\_\_ day of \_\_\_\_\_, 2003.

Abraham Zangen

Witnessed by \_\_\_\_\_

Name (Print)

Date \_\_\_\_\_

ASSIGNMENT - Page 2 of 4

WDN/PMB:mgs 4239-64814 E-223-2000/0-US-03 07/10/03

Roy A. Wise

Dated: <u>19</u> July 2003 STATE OF <u>Maryland</u>) COUNTY OF <u>Baltinic</u>) si SS.

This /// day of ///, 2003, before me personally came the above-named Roy A. Wise, who executed the foregoing Assignment in my presence, and who acknowledged to me that it was executed under that person's own free will for the purposes set forth therein.

Notary Public for Ball My commission expires: 8/29

[SEAL]

Dated:	
	Mark Hallett
STATE OF)	
) )	SS.

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named Mark Hallett, who executed the foregoing Assignment in my presence, and who acknowledged to me that it was executed under that person's own free will for the purposes set forth therein.

> Notary Public for My commission expires:

[SEAL]

ASSIGNMENT - Page 3 of 4

Executed at	on this day of	, 2003.
	Pedro Cavaleiro Miranda	
Witnessed by		
Name (Print)	ar 11 - 7 - 7	
Date		
Executed at	on this day of	, 2003.
	Yiftach Roth	
Witnessed by		
Name (Print)		
Date		

ASSIGNMENT - Page 4 of 4

## ASSIGNMENT

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IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Executed at	on this day of	, 2003.
	Abraham Zangen	
Witnessed by		
Name (Print)		
Date		
Dated:	Roy A. Wise	
STATE OF)		
) ss. COUNTY OF)		

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Notary Public for \_\_\_\_\_\_ My commission expires:

[SEAL]

ASSIGNMENT - Page 2 of 4

Dated: 22 5cp 03

l'ffiller

Mark Hallett

STATE OF Mary () ss. COUNTY OF montanege

This  $2^{2}$  day of 36%, 2003, before me personally came the above-named Mark Hallett, who executed the foregoing Assignment in my presence, and who acknowledged to me that it was executed under that person's own free will for the purposes set forth therein.

Notary Public for <u>Montoconcey</u> Court, MD My commission expires: <u>11112005</u>

[SEAL]

ASSIGNMENT - Page 3 of 4

Executed at	on this day of	, 2003.
	Pedro Cavaleiro Miranda	
Witnessed by		
Name (Print)		
Date		
		18 - William
Everyted et		2002
Executed at	on this day of	, 2003.
	Yiftach Roth	
Witnessed by		
Name (Print)		
Date		

ASSIGNMENT - Page 4 of 4

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Executed at \_\_\_\_\_\_ on this \_\_\_ day of \_\_\_\_\_, 2003.

Abraham Zangen

Witnessed by

Name (Print)

Date \_\_\_\_\_

ASSIGNMENT - Page 2 of 4

Dated:	

Roy A. Wise

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

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named Roy A. Wise, who executed the foregoing Assignment in my presence, and who acknowledged to me that it was executed under that person's own free will for the purposes set forth therein.

Notary Public for \_\_\_\_\_\_ My commission expires:

[SEAL]

Dated:	
	Mark Hallett
STATE OF)	
) ss. COUNTY OF)	

This \_\_\_\_ day of \_\_\_\_\_\_, 2003, before me personally came the above-named Mark Hallett, who executed the foregoing Assignment in my presence, and who acknowledged to me that it was executed under that person's own free will for the purposes set forth therein.

Notary Public for \_\_\_\_\_\_ My commission expires:

[SEAL]

ASSIGNMENT - Page 3 of 4

Executed at	on this <u>المح</u> day of, 2003.
	Pedro Cavaleiro Mianda Pedro Cavaleiro Miranda
Witnessed by the Du-	h hrag
Name (Print) <u>EDUARDO</u> DUCL	
Date 15 7064 2003	_
Executed at	on this day of, 2003.
	Yiftach Roth
Witnessed by	
Name (Print)	
Date	

ASSIGNMENT - Page 4 of 4

**RECORDED: 10/09/2003**