



101291004

ty Dkt. No. 63507

Document ID. No. 101187863

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
David G. Wiesler
Han Wen
Robert s. Balaban
Steven D. Wolff

Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies)

Name: UNITED STATES OF AMERICA, Department Of Health & Human Services, Represented by the Secretary, c/o NIH
Internal Address: _____

Office of Technology Transfer
Street Address: 6011 Executive Boulevard, Box 13

City: Rockville State: MD Country: _____ ZIP: 20852-3804

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: October 4 & 7, 1999

Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

09/403,530

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Richard A. Kaba
Internal Address: FITCH, EVEN, TABIN & FLANNERY
Street Address: 120 S. LaSalle Street, Suite 1600
City: Chicago State: IL ZIP: 60603-3406

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41) \$ 120.00
PREVIOUSLY SUBMITTED

Enclosed
 Authorized to be charged to deposit account only if check is Missing or improper

8. Deposit Account No.

06-1135

DO NOT USE THIS SPACE

9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Richard A. Kaba
Name of Person Signing

Signature

February 14, 2000
Date

Total number of pages including cover sheet, attachments, and document: 16



RECORDATION FORM COVER SHEET

11-01-1999



101187863

Atty Dkt. No. 63507

MRS 10/19/99

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

David G. Wiesler
Han Wen
Robert s. Balaban
Steven D. Wolff

Additional name(s) of conveying party(ies) attached?

Yes No

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Name: UNITED STATES OF AMERICA, Department Of Health & Human Services, Represented by the Secretary, c/o NIH
Internal Address: _____

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Street Address: 6011 Executive Boulevard, Box 13

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Name: Richard A. Kaba
Internal Address: FITCH, EVEN, TABIN & FLANNERY
Street Address: 120 S. LaSalle Street, Suite 1600
City: Chicago State: IL ZIP: 60603-3406

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Enclosed

Authorized to be charged to deposit account only if check is Missing or improper

8. Deposit Account No.

06-1135

DO NOT USE THIS SPACE

9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Richard A. Kaba
Name of Person Signing

October 19, 1999
Date

Total number of pages including cover sheet, attachments, and document: 13

Mail Documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

11/01/1999 DNGUYEN 00000124 DAVID G WIESLER

01 FC:581

120.00 07

PATENT
REEL: 010605 FRAME: 0924

A S S I G N M E N T

WHEREAS, WE, DAVID G. WIESLER, a citizen of the United States, residing at 4420 Rosedale Ave., Bethesda, MD 20814; **HAN WEN**, a citizen of the United States, residing at 12817 Twinbrook Parkway, Rockville, MD 20851; **ROBERT S. BALABAN**, citizen of the United States, residing at 7307 Nevis Road, Bethesda, MD 20817; and **STEVEN D. WOLFF**, a citizen of the United States, residing at 4500 Woodmart Ave., #1101, Bethesda, MD 20814, employees of the Department of Health and Human Services at the time the invention was made, have invented **LOCAL MAGNETIZATION SPOILING USING A GRADIENT INSERT FOR REDUCING THE FIELD OF VIEW IN MAGNETIC RESONANCE IMAGING** for which an application to the Commissioner of Patents and Trademarks for grant of Letters Patent of the United States has been filed,

WHEREAS, we are co-inventors named in the above-identified 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 under Paragraph 1(a) of Executive Order 10096, to the entire right, title, and interest therein, both domestic and foreign; and

WHEREAS, the Government of the United States of America is desirous of acquiring all domestic and foreign right, title and interest in the aforesaid invention described in the aforesaid application for Letters Patent of the United States; and

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, we the undersigned, have sold, assigned, and transferred and by these presents do sell, assign and transfer unto **THE UNITED STATES OF AMERICA, represented by the Secretary, Department of Health and Human Services (hereinafter THE GOVERNMENT)**, the entire right, title and interest throughout the United States of America, its territories and dependencies, and within each and every foreign country in which the Government elects to file, in and to the aforesaid invention described in the aforesaid application for Letters Patent of the United States, and all Letters Patents issuing thereon and any continuations, divisions, reissues, or extensions thereof;

AND, we hereby authorize and request the Commissioner of Patents to issue said Letters Patent to **THE GOVERNMENT** as assignee of the entire right, title, and interest in and to the same throughout the United States of America, its territories and dependencies, and within each and every foreign country in which the Government elects to file, for the sole use for the full term or terms for which said Letters Patent and any continuations, divisions, reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by us, had this assignment not been made;

AND, we hereby warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied with respect to the aforesaid application for Letters patent which will impair, diminish, limit or abridge the interest herein conveyed at the time of the execution of this instrument by us;

AND, we hereby agree to execute any and all applications for Letters Patent in the United States and foreign countries, and to furnish all data and documents and to execute any papers which may be necessary for the preparation of filing such applications or for THE GOVERNMENT to exercise its rights granted hereunder, including communicating to THE GOVERNMENT, its representatives or agents, any facts relating to said invention, including evidence for interference purposes, or for other proceedings, whenever requested, to testify in any interference or other proceedings, whenever requested, and to execute and deliver on request all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon our heirs, legal representatives, administrators and assigns, except that it shall be understood that we shall not be subject to any out-of-pocket expense relative to any such action.

The undersigned hereby grant the law firm of FITCH, EVEN, TABIN & FLANNERY 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 U.S. Patent & Trademark Office for recordation of this document.

4 October 1999

Date

David G. Wiesler

David G. Wiesler

Date

Han Wen

Date

Robert S. Balaban

Date

Steven D. Wolff

STATE OF VIRGINIA)
) SS
COUNTY OF ALBEMARLE)

On this 4 day of OCTOBER, personally appeared **DAVID G. WIESLER**, personally known by me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that he executed it.

WITNESS my hand and official seal.

October 4, 1999

Paul F. Jones
Notary Public - My Commission Expires: April 30, 2000

STATE OF _____)
) SS
COUNTY OF _____)

On this _____ day of _____, personally appeared **HAN WEN**, personally known by me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that he executed it.

WITNESS my hand and official seal.

_____, 1999

Notary Public - My Commission Expires: _____

STATE OF _____)
) SS
COUNTY OF _____)

On this _____ day of _____, personally appeared **ROBERT S. BALABAN**, personally known by me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that he executed it.

WITNESS my hand and official seal.

_____, 1999

Notary Public - My Commission Expires: _____

A S S I G N M E N T

WHEREAS, WE, DAVID G. WIESLER, a citizen of the United States, residing at 4420 Rosedale Ave., Bethesda, MD 20814; HAN WEN, a citizen of the United States, residing at 12817 Twinbrook Parkway, Rockville, MD 20851; ROBERT S. BALABAN, citizen of the United States, residing at 7307 Nevis Road, Bethesda, MD 20817; and STEVEN D. WOLFF, a citizen of the United States, residing at 4500 Woodmart Ave., #1101, Bethesda, MD 20814, employees of the Department of Health and Human Services at the time the invention was made, have invented LOCAL MAGNETIZATION SPOILING USING A GRADIENT INSERT FOR REDUCING THE FIELD OF VIEW IN MAGNETIC RESONANCE IMAGING for which an application to the Commissioner of Patents and Trademarks for grant of Letters Patent of the United States has been filed,

WHEREAS, we are co-inventors named in the above-identified 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 under Paragraph 1(a) of Executive Order 10096, to the entire right, title, and interest therein, both domestic and foreign; and

WHEREAS, the Government of the United States of America is desirous of acquiring all domestic and foreign right, title and interest in the aforesaid invention described in the aforesaid application for Letters Patent of the United States; and

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, we the undersigned, have sold, assigned, and transferred and by these presents do sell, assign and transfer unto THE UNITED STATES OF AMERICA, represented by the Secretary, Department of Health and Human Services (hereinafter THE GOVERNMENT), the entire right, title and interest throughout the United States of America, its territories and dependencies, and within each and every foreign country in which the Government elects to file, in and to the aforesaid invention described in the aforesaid application for Letters Patent of the United States, and all Letters Patents issuing thereon and any continuations, divisions, reissues, or extensions thereof;

AND, we hereby authorize and request the Commissioner of Patents to issue said Letters Patent to THE GOVERNMENT as assignee of the entire right, title, and interest in and to the same throughout the United States of America, its territories and dependencies, and within each and every foreign country in which the Government elects to file, for the sole use for the full term or terms for which said Letters Patent and any continuations, divisions, reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by us, had this assignment not been made;

AND, we hereby warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied with respect to the aforesaid application for Letters patent which will impair, diminish, limit or abridge the interest herein conveyed at the time of the execution of this instrument by us;

AND, we hereby agree to execute any and all applications for Letters Patent in the United States and foreign countries, and to furnish all data and documents and to execute any papers which may be necessary for the preparation of filing such applications or for THE GOVERNMENT to exercise its rights granted hereunder, including communicating to THE GOVERNMENT, its representatives or agents, any facts relating to said invention, including evidence for interference purposes, or for other proceedings, whenever requested, to testify in any interference or other proceedings, whenever requested, and to execute and deliver on request all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon our heirs, legal representatives, administrators and assigns, except that it shall be understood that we shall not be subject to any out-of-pocket expense relative to any such action.

The undersigned hereby grant the law firm of FITCH, EVEN, TABIN & FLANNERY 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 U.S. Patent & Trademark Office for recordation of this document.

Date

David G. Wiesler

Date

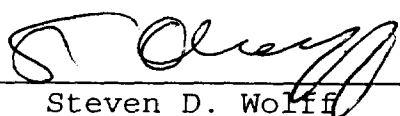
Han Wen

Date

Robert S. Balaban

10/4/99

Date



Steven D. Wolff

STATE OF _____)
) SS
COUNTY OF _____)

On this _____ day of _____, personally appeared **DAVID G. WIESLER**, personally known by me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that he executed it.

WITNESS my hand and official seal.

_____, 1999

Notary Public - My Commission
Expires:_____

STATE OF _____)
) SS
COUNTY OF _____)

On this _____ day of _____, personally appeared **HAN WEN**, personally known by me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that he executed it.

WITNESS my hand and official seal.

_____, 1999

Notary Public - My Commission
Expires:_____

STATE OF _____)
) SS
COUNTY OF _____)

On this _____ day of _____, personally appeared **ROBERT S. BALABAN**, personally known by me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that he executed it.

WITNESS my hand and official seal.

_____, 1999

Notary Public - My Commission
Expires:_____

STATE OF New York)
) SS
COUNTY OF Nassau)

On this 4 day of October, personally appeared **STEVEN D. WOLFF**, personally known by me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that he executed it.

WITNESS my hand and official seal.

October 4th, 1999

Denise Ingrassia
Notary Public - My Commission
Expires: 8/17/2000

DENISE INGRASSIA
Notary Public, State of New York
No. 5000474
Qualified in Nassau County
Commission Expires August 17, ~~199~~
2000

A S S I G N M E N T

WHEREAS, WE, DAVID G. WIESLER, a citizen of the United States, residing at 4420 Rosedale Ave., Bethesda, MD 20814; **HAN WEN**, a citizen of the United States, residing at 12817 Twinbrook Parkway, Rockville, MD 20851; **ROBERT S. BALABAN**, citizen of the United States, residing at 7307 Nevis Road, Bethesda, MD 20817; and **STEVEN D. WOLFF**, a citizen of the United States, residing at 4500 Woodmart Ave., #1101, Bethesda, MD 20814, employees of the Department of Health and Human Services at the time the invention was made, have invented **LOCAL MAGNETIZATION SPOILING USING A GRADIENT INSERT FOR REDUCING THE FIELD OF VIEW IN MAGNETIC RESONANCE IMAGING** for which an application to the Commissioner of Patents and Trademarks for grant of Letters Patent of the United States has been filed,

WHEREAS, we are co-inventors named in the above-identified 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 under Paragraph 1(a) of Executive Order 10096, to the entire right, title, and interest therein, both domestic and foreign; and

WHEREAS, the Government of the United States of America is desirous of acquiring all domestic and foreign right, title and interest in the aforesaid invention described in the aforesaid application for Letters Patent of the United States; and

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, we the undersigned, have sold, assigned, and transferred and by these presents do sell, assign and transfer unto **THE UNITED STATES OF AMERICA, represented by the Secretary, Department of Health and Human Services (hereinafter THE GOVERNMENT)**, the entire right, title and interest throughout the United States of America, its territories and dependencies, and within each and every foreign country in which the Government elects to file, in and to the aforesaid invention described in the aforesaid application for Letters Patent of the United States, and all Letters Patents issuing thereon and any continuations, divisions, reissues, or extensions thereof;

AND, we hereby authorize and request the Commissioner of Patents to issue said Letters Patent to **THE GOVERNMENT** as assignee of the entire right, title, and interest in and to the same throughout the United States of America, its territories and dependencies, and within each and every foreign country in which the Government elects to file, for the sole use for the full term or terms for which said Letters Patent and any continuations, divisions, reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by us, had this assignment not been made;

AND, we hereby warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied with respect to the aforesaid application for Letters patent which will impair, diminish, limit or abridge the interest herein conveyed at the time of the execution of this instrument by us;

AND, we hereby agree to execute any and all applications for Letters Patent in the United States and foreign countries, and to furnish all data and documents and to execute any papers which may be necessary for the preparation of filing such applications or for THE GOVERNMENT to exercise its rights granted hereunder, including communicating to THE GOVERNMENT, its representatives or agents, any facts relating to said invention, including evidence for interference purposes, or for other proceedings, whenever requested, to testify in any interference or other proceedings, whenever requested, and to executive and deliver on request all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon our heirs, legal representatives, administrators and assigns, except that it shall be understood that we shall not be subject to any out-of-pocket expense relative to any such action.

The undersigned hereby grant the law firm of FITCH, EVEN, TABIN & FLANNERY 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 U.S. Patent & Trademark Office for recordation of this document.

Date

Oct 7, 1999

Date

Oct 7 1999

Date

Date

David G. Wiesler

Han Wen

Han Wen

Robert S. Balaban

Robert S. Balaban

Steven D. Wolff

STATE OF _____)
) SS
COUNTY OF _____)

On this _____ day of _____, personally appeared **DAVID G. WIESLER**, personally known by me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that he executed it.

WITNESS my hand and official seal.

_____, 1999
Notary Public - My Commission
Expires: _____

STATE OF MARYLAND)
) SS 578-74-4266
COUNTY OF PRINCE GEORGES

On this 7TH day of OCTOBER, personally appeared **HAN WEN**, personally known by me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that he executed it.

WITNESS my hand and official seal.

7TH, OCTOBER, 1999
Daniel A. Yrenkyj
Notary Public - My Commission
Expires: MAY 1ST 2001

STATE OF MARYLAND)
) SS 578-74-4266
COUNTY OF PRINCE GEORGES

On this 7TH day of OCTOBER, personally appeared **ROBERT S. BALABAN**, personally known by me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that he executed it.

WITNESS my hand and official seal.

7TH, OCTOBER, 1999
Daniel A. Yrenkyj
Notary Public - My Commission
Expires: MAY 1ST 2001

STATE OF _____)
) SS
COUNTY OF _____)

On this _____ day of _____, personally appeared **STEVEN D. WOLFF**, personally known by me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that he executed it.

WITNESS my hand and official seal.

_____, 1999

Notary Public - My Commission
Expires: _____