

09-22-2004

FILE NO. A34722-PCT-USA (070050.2555)

RECORDED

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office



102841231

To the Honorable Commissioner of Patents and Trademarks, I request record the attached original documents or copy thereof.

1. Name of conveying party(ies):

ED X. WU, RALF MEKLE, ROBERT DELAPAZ

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

☐ Yes☒ No

2. Name and address of receiving party(ies)

Name: THE TRUSTEES OF COLUMBIA UNIVERSITY IN
THE CITY OF NEW YORK

Address: 116th Street and Broadway

City: New York

State: NY

Zip: 10027

Additional name(s) and address(es) attached? Country: USA

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other:

Execution Date: August 24, August 24 and June 11, 2004

4. Application number(s) or patent number(s) 10/492,384

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)

Additional numbers attached?

☐ Yes☒ No

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

Name: Paul A. Ragusa

BAKER BOTTS L.L.P.

30 Rockefeller Plaza - 44 Fl.

New York, NY 10112

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number :

02-4377 (Charge any additional fees to this account)

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature

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

Paul A. Ragusa

Name of Person Signing

Signature

09/17/04

Date

Page 1 of 2

Total number of pages including cover sheet, attachments and document: 7

09/21/2004 DBYRME 00000062 10492384

01 FC:8021

40.00 DP

PATENT
REEL: 015796 FRAME: 0579

RECORDATION FORM COVER SHEET
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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

10. Additional Names of assigning party(ies):

10a. Additional Names of receiving party(ies):

11. Application number(s) or registration number(s):

A. Patent Application No.(s)

B. Patent Registration No.(s)

Page 2 of 2

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Alexandria, VA 22313-1450

A34722-PCT-USA (070050.2555)

ASSIGNMENT

WHEREAS, WE, ED X. WU, RALF MEKLE and ROBERT DELAPAZ, citizens of United States, Germany and United States respectively, whose post office addresses are 560 Riverside Drive, #11G, New York, NY 10027; ~~424 West 119th Street, #25C, New York, NY 10027~~; and 290 Clinton Avenue, Dobbs Ferry, NY 10522 respectively, have made an invention entitled "COMBINED MAGNETIC RESONANCE DATA ACQUISITION OF MULTI-CONTRACT IMAGES USING VARIABLE ACQUISITION PARAMETERS AND K-SPACE DATA SHARING", as set forth and described in patent application Serial No. 10/492,384, filed April 12, 2004 and

Krueuer Jr,
45549
Sprockhoevel,
Germany;

WHEREAS, THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, having its principal place of business at 116th Street and Broadway, New York, New York 10027, is desirous of acquiring the whole right, title and interest in and to said application for Letters Patent, and any continuations, divisions, extensions, substitutions, reissues and reexaminations thereof;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that WE, the said inventors, ED X. WU, RALF MEKLE and ROBERT DELAPAZ, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to me in hand paid by said THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, and other valuable considerations unto us moving from said THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, at or before the ensembling and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, its successors and assigns, the entire right, title and interest in and to the said invention "COMBINED MAGNETIC RESONANCE DATA ACQUISITION OF MULTI-CONTRACT IMAGES USING VARIABLE ACQUISITION PARAMETERS AND K-SPACE DATA SHARING" and any and all improvements thereon, and in and to said application and any division continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;


AND WE, the ED X. WU, RALF MEKLE and ROBERT DELAPAZ, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, its successors and assigns;

NY02:485:41.1

1

AND WE, the said ED X. WU, RALF MEKLE and ROBERT DELAPAZ, for the considerations aforesaid, do hereby covenant and agree to and with said THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, its successors and assigns, that I have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that I, my executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, its successors and assigns, may be required or necessary more effectively to secure to and vest in said THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that I will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

IN WITNESS WHEREOF, I, the said ED X. WU, have hereunto set my hand and seal.


ED X. WU

STATE OF NY

SS:

COUNTY OF NY)

BE IT KNOWN, that on this 24th day of August, 2004, before me personally came ED X. WU, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this 24th day of August, 2004.


Notary Public

AMY L. HABER
NOTARY PUBLIC, State of New York
No. 01HA5063858

Qualified in Queens County
Commission Expires July 29, 2006

A34722-PCT-USA (070050.2555)

IN WITNESS WHEREOF, I, the said RALF MEKLE, have hereunto set my hand and seal.


RALF MEKLE

STATE OF NY,
COUNTY OF NY, ss:

BE IT KNOWN, that on this 24th day of August, 2004, before me personally came RALF MEKLE, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this 24th day of August, 2004.


Notary Public

AMY L. HABER
NOTARY PUBLIC, State of New York
No. 01HA5063858
Qualified in Queens County
Commission Expires July 29, 2006

IN WITNESS WHEREOF, I, the said ROBERT DELAPAZ, have hereunto set my hand and seal.


ROBERT DELAPAZ

STATE OF New York
COUNTY OF New York ss:

BE IT KNOWN, that on this 11 day of June, 2004, before me personally came ROBERT DELAPAZ, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this 11 day of June, 2004.

MARY ANN GARCIA
NOTARY PUBLIC, State of New York
No. 03-4849758
Qualified in Rockland County
Commission Expires Jan. 6, 20 06


Notary Public