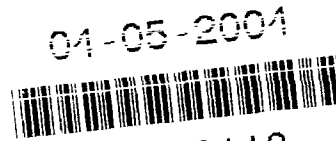


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FORM PTO-1595
1-01-92

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RECORDATION FORM COVER SHEET

PATENTS ONLY

U.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.

1. Name of conveying party(ies):

JOHN FIELDEN, LI-HSIN ZANG AND JACOB
WILBRINKAdditional name(s) of conveying
party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Hitachi Instruments, Inc.Internal Address: 3940 First Street
San Jose, CA 95134Street Address: 3940 First Street
San Jose, CA 95134City: San JoseState: CA Zip: 95134Additional name(s) & address(es) attached? ☐ Yes ☒ No3. Nature of Conveyance: 01☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ OtherExecution Date: September 18, 1992

4. 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)

07/927,321

B. Patent No. (s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:Name: James A. SheridanInternal Address: FLEHR, HOEBACH, TEST,
ALBRITTON & HERBERTStreet Address: SUITE 3400
FOUR EMBARCADERO CENTERCity: SAN FRANCISCO
State: CA Zip: 94111-41876. Total number of applications
and patents involved:

one

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

☐ Enclosed☒ Authorized to be charged to
deposit account DEP. ACCOUNT

8. Deposit account number: 06-1300

Please debit any underpayment or credit any
overpayment to the above deposit account.Our Order No. A-57171/JAS

(Attach duplicate 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 information is true and correct
and any attached copy is a true copy of the original document.James A. Sheridan
Name of Person SigningSignature James A. Sheridan Date 1-18-93
Total number of pages comprising cover sheet: (1 of 1)

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

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

Commissioner of Patents and Trademarks
Box Assignments
Washington, DC 20231

ASSIGNMENT

WHEREAS, the undersigned John Fielden, Li-Hsin Zang, and Jacob Wilbrink, all of Santa Clara County, hereinafter termed "Inventors", having invented certain new and useful improvements in AN IMPROVED TECHNIQUE FOR COMPENSATING FOR PATIENT MOTION IN MAGNETIC RESONANCE IMAGING and having made application for a U.S. Patent disclosing and identifying the invention, which application is filed herewith; and

HITACHI INSTRUMENTS, INC. a California corporation, having offices at San Jose, California (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the international convention for the Protection of Industrial Property or otherwise; (c) in and to any and all application filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extension of any of said patents.

2. Said Inventors do hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings,

infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms, covenants and conditions of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding on said Inventors, their heirs, legal representatives and assigns.

4. Said Inventors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee the day and year below written.

J. Fielden
John Fielden

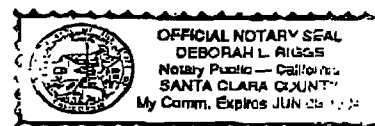
County of Santa Clara)
State of California) SS

On Sept 18, 1992 before me, Deborah L. Riggs, Notary Public of the State of California, personally appeared John Fielden, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Deborah L. Riggs

(Seal)



Li Hsin Zang
Li-Hsin Zang

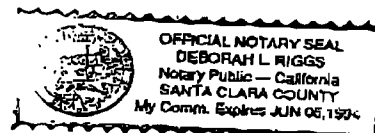
County of Santa Clara)
State of California) SS

On Sept 18, 1992 before me, Deborah L. Riggs, Notary Public of the State of California, personally appeared Li-Hsin Zang, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Deborah L. Riggs

(Seal)



Jacob Wilbrink
Jacob Wilbrink

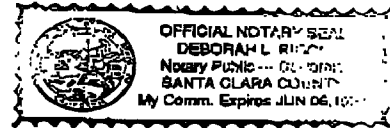
County of Santa Clara)
State of California) SS

On Sept 18, 1992 before me, Deborah Riggs, Notary Public of the State of California, personally appeared Jacob Wilbrink, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature Deborah L. Riggs

(Seal)



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JAN 22 92



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of

FIELDEN et al.

Serial No. 07/927,321

Filed: September 10, 1992

For: AN IMPROVED TECHNIQUE FOR
COMPENSATING FOR PATIENT
MOTION IN MAGNETIC RESONANCE
IMAGING



Examiner:

Unit:

San Francisco, CA 94111

September 25, 1992

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OCT 19 1992

APPLICATION CLERK

CERTIFICATE OF MAILING

I hereby certify that this document is being sent by the United States Postal Service, postage pre-paid first class mail to: The Commissioner of Patents & Trademarks, Washington, D.C. 20231 on September 25, 1992.

Signed: *Denise R. Caldwell*
Denise R. Caldwell

RESPONSE TO NOTICE TO FILE MISSING PARTS

Commissioner of Patents
and Trademarks
Washington, D. C. 20231

Sir:

Enclosed herewith is a copy of the Notice to File Missing Parts as well as the duly executed Declaration; Power of Attorney by Assignee; and Assignment. We have also enclosed our check in the amount of \$130.00.

The Commissioner is authorized to charge any additional fees, or credit any overpayment, to deposit account no. 06-1300 (order A-57171/JAS). A duplicate copy of this sheet is enclosed for such purpose.

Respectfully submitted,

FLEHR, HOHBACH, TEST,
ALBRITTON & HERBERT

James A. Sheridan
James A. Sheridan
Reg. No. 25,435
Tel. (415) 494-8700

FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
Four Embarcadero Center, Suite 3400
San Francisco, CA 94111

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A-57171/JAS

06-1300 140 561

USPN 07/927,321

REF 6382 KAM 657

Addendum

1. **Technique for Compensating for Patient Motion in Magnetic Resonance Imaging**