

RECORD

12-31-2002

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To the Commissioner, United States Patent and Trademark Office

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DEC 23 AM 9:34
FINANCE SECTION

1. Name of conveying party(ies)

Aimee B. Angel
Ian W. Hunter
Laura L. Proctor
James Tangorra

12-23-02

2. Name and address of receiving party(ies)

Name: Massachusetts Institute of Technology

Internal Address:

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

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other

Execution Date: 11/26/02, 11/15/02, 11/15/02, 11/15/02

Street Address: 77 Massachusetts Avenue

City: Cambridge State: MA ZIP: 02139

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

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)

10/277,722

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: James M. Smith

Internal Address:

Hamilton, Brook, Smith & Reynolds, P.C.

Street Address: 530 Virginia Road

P.O. Box 9133

City: Concord State: MA ZIP: 01742-9133

6. Total number of applications and patents involved: [1]

7. Total Fee (37 C.F.R. 3.41)..... \$ 40.00

Enclosed

Authorized to charge any deficiencies or credit any overpayment to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

08-0380

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

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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.

Jong P. Hong

Name of Person Signing

Signature

12/13/02

Date

12/30/2002 DBYRNE 00000202 1027722

01 FC:0021

Total number of pages including cover sheet, attachments, and document: [9]

JointASSIGNMENT

WHEREAS, we, **Aimee B. Angel, Ian W. Hunter, Laura L. Proctor and James Tangorra**, have invented a certain improvement in **Impedance Sensor** described in an application for Letters Patent of the United States, the specification of which:

- is being executed on even date herewith and is about to be filed in the United States Patent Office;
- was filed on **October 21, 2002** as Application No. **10/277,722**;
- was patented under U.S. Patent No. on .

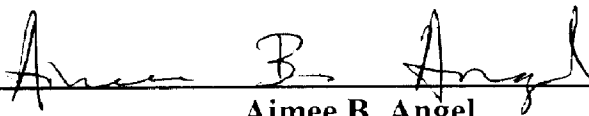
WHEREAS, **Massachusetts Institute of Technology** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **Commonwealth of Massachusetts**, and having a usual place of business at **77 Massachusetts Avenue, Cambridge, Massachusetts 02139** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: 
Aimee B. Angel

State/Commonwealth
of California

County of Santa Clara

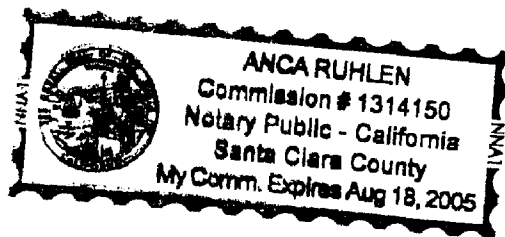
Then personally appeared before me the above-named **Aimee B. Angel** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 26th day of November, 2002.

(SEAL)

 Notary Public

ANCA RUHLEN (print name)

My Commission expires 08 / 18 / 2005



Inventor's Signature: _____

Ian W. Hunter

State/Commonwealth _____

of _____

County of _____

Then personally appeared before me the above-named **Ian W. Hunter** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL) _____ Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

Laura L. Proctor

State/Commonwealth _____

of _____

County of _____

Then personally appeared before me the above-named **Laura L. Proctor** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL) _____ Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

James Tangorra

State/Commonwealth _____

of _____

County of _____

Then personally appeared before me the above-named **James Tangorra** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____ 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

ASSIGNMENT

WHEREAS, we, **Aimee B. Angel, Ian W. Hunter, Laura L. Proctor and James Tangorra**, have invented a certain improvement in **Impedance Sensor** described in an application for Letters Patent of the United States, the specification of which:

- is being executed on even date herewith and is about to be filed in the United States Patent Office;
- was filed on **October 21, 2002** as Application No. **10/277,722**;
- was patented under U.S. Patent No. [] on [].

WHEREAS, **Massachusetts Institute of Technology** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **Commonwealth of Massachusetts**, and having a usual place of business at **77 Massachusetts Avenue, Cambridge, Massachusetts 02139** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: _____
Aimee B. Angel

State/Commonwealth _____
of _____
County of _____

Then personally appeared before me the above-named **Aimee B. Angel** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL) _____ Notary Public

(print name)
My Commission expires ____/____/____

Inventor's Signature: _____

Ian W. Hunter

Ian W. Hunter

State/Commonwealth

of Massachusetts

County of Suffolk

Then personally appeared before me the above-named **Ian W. Hunter** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 15 day of November, 2002.

(SEAL)

Carolyn Z. Skeete

Notary Public

Carolyn Z. Skeete

(print name)

My Commission expires 9/29/2006

Inventor's Signature: _____

Laura L. Proctor

Laura L. Proctor

State/Commonwealth

of Massachusetts

County of Suffolk

Then personally appeared before me the above-named **Laura L. Proctor** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 15 day of November, 2002.

(SEAL)

Carolyn Z. Skeete

Notary Public

Carolyn Z. Skeete

(print name)

My Commission expires 9/29/2006

Inventor's Signature:

James Tangorra

James Tangorra

State/Commonwealth

of Massachusetts

County of Suffolk

Then personally appeared before me the above-named **James Tangorra** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 15 day of Nov 2002.

(SEAL)

Carolyn Z. Skeete

Notary Public

Carolyn Z. Skeete

(print name)

My Commission expires 9 / 29 / 2006