

09-25-2006



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112919 U.S. PTO  
11/522183  
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9/15/06

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Peter M. Duncan  
James D. Lakings  
Roderick A. Flores

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

Name: Microseismic, Inc.

Internal Address: \_\_\_\_\_

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

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 9/8/2006

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

Street Address: 800 Tully, Suite 175

City: Houston

State: Texas

Country: \_\_\_\_\_ Zip: 77079

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

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

09/19/2006 CCHA01 00000088 11522183

04 FC:8071 (40.00 OP)

Additional numbers attached?  Yes  No

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

Name: Richard A. Fagin

Internal Address: \_\_\_\_\_

Street Address: PO Box 1247

City: Richmond

State: TX

Zip: 77469-1247

Phone Number: 713-539-5006

Fax Number: 832-595-0133

Email Address: faginr @ netzero.net

**6. Total number of applications and patents involved:** \_\_\_\_\_

**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers 9185  
Expiration Date 04/2008

b. Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

Richard A. Fagin  
Signature

9/15/2006

Date

Richard A. Fagin, Reg. No. 39,182

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**Assignment – Worldwide**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") hereby assign, transfer, and set over to:

**Microseismic, Inc.**

having the following address:

800 Tully Rd., Suite 175 Houston, Texas 77079

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest, worldwide, in and to the invention known by the following title:

**Method for Passive Seismic Emission Tomography**

for which the undersigned has/have executed an application for patent in the United States of America on this same day, together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all Letters Patent (domestic and foreign) which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

1. To sign and execute any further documents which may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
2. To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY;

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to RICHARD A. FAGIN 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 United States Patent and Trademark Office for the recordation of this document.

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

Sept 8, 2006  
Date

Signature: *Peter M. Duncan*  
Print or Type Name: Peter M. Duncan

9-8-2006  
Date

Signature: *James D. Lakings*  
Print or Type Name: James D. Lakings

13 Sept 2006  
Date

Signature: *Roderick A. Flores*  
Print or Type Name: Roderick A. Flores

\_\_\_\_\_  
Date

Signature: \_\_\_\_\_  
Print or Type Name: \_\_\_\_\_

\_\_\_\_\_  
Date

Signature: \_\_\_\_\_  
Print or Type Name: \_\_\_\_\_

This Assignment must be signed before a Notary Public for one of the States in the United States:

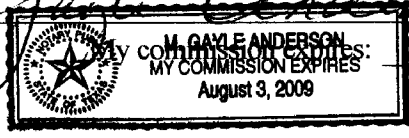
State of TEXAS  
County of HARRIS

NOTARY PUBLIC

Before me personally appeared: PETER M DUNCAN JAMES D. LAKINGS  
1<sup>st</sup> Inventor 2<sup>nd</sup> Inventor  
RODERICK A. FLORES  
3<sup>rd</sup> Inventor 4<sup>th</sup> Inventor

each of whom acknowledged the foregoing instrument to be a free act and deed and also represented that he/she is authorized to execute this Assignment.

Dated: Sept 13, 2006 *M. Gayle Anderson*  
Notary Public



8-3-2009

When this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution:

U.S. Application Serial No.:  
Filing Date: