

Form PTO-1594 (Rev. 07/05)  
OMB Collection 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

### RECORDATION FORM COVER SHEET TRADEMARKS ONLY

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):**

MICROSEISMIC, INC.

- Individual(s)
- Association
- General Partnership
- Limited Partnership
- Corporation- State: Delaware
- Other \_\_\_\_\_

Citizenship (see guidelines) \_\_\_\_\_

Additional names of conveying parties attached?  Yes  No

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

Additional names, addresses, or citizenship attached?  Yes  No

Name: Square 1 Bank  
 Internal  
 Address: Jennifer Howard  
 Street Address: 406 Blackwell St. Suite 240  
 City: Durham  
 State: NC  
 Country: \_\_\_\_\_ Zip: 27701

- Association Citizenship \_\_\_\_\_
- General Partnership Citizenship \_\_\_\_\_
- Limited Partnership Citizenship \_\_\_\_\_
- Corporation Citizenship North Carolina
- Other \_\_\_\_\_ Citizenship \_\_\_\_\_

If assignee is not domiciled in the United States, a domestic representative designation is attached:  Yes  No  
(Designations must be a separate document from assignment)

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

Execution Date(s) October 3, 2007

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other \_\_\_\_\_

**4. Application number(s) or registration number(s) and identification or description of the Trademark.**

A. Trademark Application No.(s)

B. Trademark Registration No.(s)

2985317 3251416  
SEE EXHIBIT C ATTACHED

Additional sheet(s) attached?  Yes  No

**C. Identification or Description of Trademark(s) (and Filing Date if Application or Registration Number is unknown):**

PSET  
FRACSTAR

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

Name: Jennifer Howard  
 Internal Address: Square 1 Bank  
 Street Address: 406 Blackwell St  
Suite 240  
 City: Durham  
 State: NC Zip: 27701  
 Phone Number: 919-314-3123  
 Fax Number: 919-314-3110  
 Email Address: JHoward@square1bank.com

**6. Total number of applications and registrations involved:**

2

**7. Total fee (37 CFR 2.6(b)(6) & 3.41) \$ 65**

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed

**8. Payment Information:**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
 Expiration Date \_\_\_\_\_  
 b. Deposit Account Number 50-3822  
 Authorized User Name Jennifer Howard

**9. Signature:**

Jennifer Howard  
Signature

10/11/07

Date

Jennifer Howard

Name of Person Signing

Total number of pages including cover sheet, attachments, and document: 4

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, VA 22313-1450

CH \$65.00 503822 2985317

## INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT is entered into as of October 3, 2007 by and between SQUARE 1 BANK ("Bank") and MicroSeismic, Inc., a Delaware corporation ("Grantor").

### RECITALS

A. Bank has agreed to make certain advances of money and to extend certain financial accommodation to Grantor (the "Loans") in the amounts and manner set forth in that certain Loan and Security Agreement by and between Bank and Grantor dated of even date herewith (as the same may be amended, modified or supplemented from time to time, the "Loan Agreement"); capitalized terms used herein are used as defined in the Loan Agreement).

B. Bank is willing to extend and to continue to extend financial accommodations to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks and Patents to secure the obligations of Grantor under the Loan Agreement.

C. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Loan Agreement and all other agreements now existing or hereafter arising between Grantor and Bank, Grantor hereby represents, warrants, covenants and agrees as follows:

### AGREEMENT

To secure its obligations under the Loan Agreement and under any other agreement now existing or hereafter arising between Bank and Grantor, Grantor grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under its Intellectual Property (including without limitation those Copyrights, Patents and Trademarks listed on Exhibits A, B and C hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof (collectively, "Intellectual Property Collateral").

This security interest is granted in conjunction with the security interest granted to Bank under the Loan Agreement. The rights and remedies of Bank with respect to the security interest granted hereby are in addition to those set forth in the Loan Agreement and the other Loan Documents, and those which are now or hereafter available to Bank as a matter of law or equity. Each right, power and remedy of Bank provided for herein or in the Loan Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and

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MICROSEISMIC

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concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Bank of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Loan Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Bank, of any or all other rights, powers or remedies.

Grantor represents and warrants that Exhibits A, B, and C attached hereto set forth any and all intellectual property rights in connection to which Grantor has registered or filed an application with either the United States Patent and Trademark Office or the United States Copyright Office, as applicable.

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

Address of Grantor:

800 Tully Road, Suite 175  
Houston, TX 77079

MICROSEISMIC, Inc.

By: [Signature]

Title: CFO

BANK:

Address of Bank:

406 Blackwell Street, Suite 240  
Durham, NC 27701  
Attn: Loan Documentation Department

SQUARE 1 BANK

By: [Signature]

Title: \_\_\_\_\_

EXHIBIT A  
COPYRIGHTS

Description	Registration Number	Registration Date
NONE		

EXHIBIT B  
PATENTS

Description	Registration/ Publication Number	Registration/ Publication Date
Method for Passive Seismic Emission	11/522,183	09/15/2006

EXHIBIT C  
TRADEMARKS

Description	Registration/ Application Number	Registration/ Application Date
PSIT-Collection, recording and analysis	2985317	05/23/2004
FRACSTAR-Seismic data acquisition and processing services	3251416	07/03/2006