PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: SECURITY AGREEMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| NANOMR, INC. | 02/24/2010 |

RECEIVING PARTY DATA

| Name: | SILICON VALLEY BANK |
|-----------------|---------------------|
| Street Address: | 3003 Tasman Drive |
| City: | Santa Clara |
| State/Country: | CALIFORNIA |
| Postal Code: | 95054 |

PROPERTY NUMBERS Total: 2

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12257238 |
| Patent Number: | 7405567 |

CORRESPONDENCE DATA

Fax Number: (858)550-6420

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: erin.obrien@cooley.com

Correspondent Name: Erin O'Brien

Address Line 1: c/o Cooley Godward Kronish, LLP

Address Line 2: 4401 Eastgate Mall

Address Line 4: San Diego, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER: 194491-1268 NANOMR

NAME OF SUBMITTER: Erin O'Brien

Total Attachments: 6

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT is entered into as of the Effective Date by and between SILICON VALLEY BANK, a California corporation ("Bank") and NANOMR, 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 the Effective Date (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). Bank is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks, Patents, and Mask Works to secure the obligations of Grantor under the Loan Agreement.
- B. 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, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its obligations under the Loan Agreement, 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 Collateral (including without limitation those Copyrights, Patents, Trademarks and Mask Works listed on Schedules A, B, C, and D 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.

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 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.

1.

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.

Address of Grantor:

2305 Renard Place SE, Suite 110 Albuquerque, NM 87106

Aun: Victor Esch

Address of Bank:

3003 Tasman Drive Santa Clara, CA 95054-1191

Attn: Mark Thylin

GRANTOR:-

NAÑOMR, INC

rine Prisident/CET

BANK:

SILICON VALLEY BANK-

Title: Vice Presidet

1,

EXHIBIT A

COPYRIGHTS

Description Registration Number Registration Date

831385 v1/HN

EXHIBIT B

PATENTS

| Description | Patent / Application Number | Issue / Application Date |
|--|-----------------------------------|--------------------------------|
| Microcoil magnetic resonance detectors | 12/257,238 | 10/23/08 |
| Tuning low-inductance coils at low frequencies | 7,405,567 | 07/29/08 |

831385 v1/HN

Ехнівії С

TRADEMARKS

| | Description | Registration/Serial Number | Registration/ Application Date |
|--------|-------------|-------------------------------|--------------------------------|
| NANOMR | | 77/805,952 | 08/17/09 |
| NANOMR | | 77/739,663 | 05/18/09 |
| NANOMR | | 77/739,613 | 05/18/09 |

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EXHIBIT D

MASK WORKS

| | Registration/ | Registration/ |
|-------------|---------------|---------------|
| | Application | Application |
| Description | Number | Date |
| | | |

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RECORDED: 03/10/2010