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RECORDATION FO DEPARTMENT OF COMMERCE FORM PTO-1594 102670147 TRADEM Patent and Trademark Office (Rev. 03/01) OMB No. 0651-0027 (exp. 05/31/2002) To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): Name of conveying party(ies): Name: Silicon Valley Bank Spectrum Mapping, LLC Internal Address: ☐ Association ☐ Individual(s) ☐ General Partnership Limited Partnership Street Address: 3003 Tasman Drive 🔯 Corporation-State DE Other Additional name(s) of conveying party(ies) attached? Tyes City: Santa Clara State: CA ZIP: 95054 3. Nature of conveyance: Individual(s) citizenship Association ☐ Assignment ☐Merger General Partnership FEB 0 9 2004 Limited Partnership ☐ Change of Na Ae \boxtimes Corporation-State-DE ☐ Other Other_ If assignee is not domiciled in the United States, a domestic representative designation is attached: Yes No Additional name(s) & address(es) attached? ☐ Yes ☒ No 11/13/03 4. Application number(s) or registration number(s): B. Trademark No.(s) A. Trademark Application No.(s) 78/325,611 78/325,371 Additional numbers attached? ☐ Yes ⊠ No 5. Name and address of party to whom correspondence 6. Total number of applications and registrations involved: 2 concerning document should be mailed: Name: Silicon Valley Bank 7. Total fee (37 CFR 3.41): \$ 65.00 Enclosed Internal Address: Loan Documentation HA155 Authorized to be charged to deposit account Street Address: 3003 Tasman Dr. City: Santa Clara State: Ca ZIP: 95054 8. Deposit account number: (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 02/12/2004 ECOOPER 00000074 78325611 60.00 OP 25.00 OP 02 FC:8522 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. Maribe) Arteaga Name of Person Signing Signature 84 Total number of pages including cover sheet, attachments, and document:

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

Commissioner of Patent & Trademarks, Box Assignments

Commissioner of Patent & Trademarks, Box Assignments Washington, D.C. 20231

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of November 13, 2003 (the "Effective Date") by and between SILICON VALLEY BANK ("Bank") and SPECTRUM MAPPING, LLC "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 among Bank, Grantor and the other parties named therein 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.

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

{00142360.DOC 6}

Address of Grantor:	SPECTRUM MAPPING, LLC
1999 Broadway, Suite 3200 Denver, CO 80202	By: Down & Www Title: President
Attn:	
	BANK:
Address of Bank:	SILICON VALLEY BANK
3003 Tasman Drive Santa Clara, California 95054	By: Die S

GRANTOR:

Attn: _____

EXHIBIT A

Copyrights

Description

Registration/ Application Number Registration/ Application Date

None

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EXHIBIT B

Patents

Description

Registration/ Application Number Registration/ Application Date

None

EXHIBIT C

Trademarks

Description

Registration/ Application Number Registration Application <u>Date</u>

Specmap Spectrum 78-325,611 78-325,371

EXHIBIT D

Mask Works

Description

Registration/ Application Number Registration/ Application Date

None

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RECORDED: 02/09/2004 REEL: 0029