

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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|---|------------------------------------|----------------|-----------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT | | |
| NATURE OF CONVEYANCE: | SECURITY INTEREST | | |
| CONVEYING PARTY DATA | | | |
| Name | Formerly | Execution Date | Entity Type |
| PICARRO, INC. | | 02/21/2012 | CORPORATION: DELAWARE |
| RECEIVING PARTY DATA | | | |
| Name: | SILICON VALLEY BANK | | |
| Street Address: | 3003 TASMAN DRIVE | | |
| City: | SANTA CLARA | | |
| State/Country: | CALIFORNIA | | |
| Postal Code: | 95054 | | |
| Entity Type: | CORPORATION: CALIFORNIA | | |
| PROPERTY NUMBERS Total: 1 | | | |
| Property Type | Number | Word Mark | |
| Serial Number: | 85466133 | P-CUBED | |
| CORRESPONDENCE DATA | | | |
| Fax Number: | (404)962-6729 | | |
| Email: | jihana.jenkins@troutmansanders.com | | |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> | | | |
| Correspondent Name: | JIHAN A.R. JENKINS | | |
| Address Line 1: | TROUTMAN SANDERS LLP | | |
| Address Line 2: | 600 PEACHTREE STREET NE | | |
| Address Line 4: | ATLANTA, GEORGIA 30308-2216 | | |
| ATTORNEY DOCKET NUMBER: | 220763.001136 | | |
| NAME OF SUBMITTER: | Jihan A.R. Jenkins | | |
| Signature: | /Jihan A.R. Jenkins, Reg. #64415/ | | |
| Date: | 02/28/2012 | | |

CH \$40.00 85466133

Total Attachments: 6

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ADDENDUM TO INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS ADDENDUM TO INTELLECTUAL PROPERTY SECURITY AGREEMENT is executed pursuant to, and is an addendum to, the Intellectual Property Security Agreement dated March 16, 2009 by and between PICARRO, INC., a Delaware corporation ("Assignor") and SILICON VALLEY BANK, a California corporation ("Assignee"). This Addendum to Intellectual Property Security Agreement is presented for recordation as constructive notice that Assignor, the owner of the intellectual property identified in the exhibits attached hereto, has granted to Assignee, a security interest in the intellectual property, and the exclusive rights comprised in the intellectual property, to secure payment of a debt.

IN WITNESS WHEREOF, Assignor has executed this Addendum to Intellectual Property Security Agreement as of February 21, 2012.

PICARRO, INC.

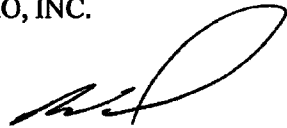
By: 
Name: MICHAEL WOELK
Title: PRESIDENT & CEO

EXHIBIT A

Copyrights

Description

Registration/
Application
Number

Registration/
Application
Date

None

EXHIBIT B

Patents

| <u>Description</u> | <u>Registration/ Application Number</u> | <u>Registration/ Application Date</u> |
|---|---|---|
| MITIGATION OF GAS MEMORY EFFECTS IN GAS ANALYSIS | 7,810,376 11/983,128 | 10/12/2010 |
| METHOD AND APPARATUS FOR ENHANCING THE ACCURACY OF CRDS MEASUREMENTS | 7,646,485 11/002,603 | 1/12/2010 |
| METHOD AND APPARATUS FOR ENHANCING THE ACCURACY OF CRDS MEASUREMENTS | 12/592,559 | 11/25/2009 |
| METHOD AND APPARATUS FOR IMPROVED CAVITY RING-DOWN SPECTROSCOPY | 60/776,396 | 2/23/2006 |
| COMBINED GAS CHROMATOGRAPHY – CHEMICAL CONVERSION – CAVITY ENHANCED ABSORPTION SPECTROSCOPY | 61/190,987 | 9/3/2008 |
| LIQUID SAMPLE EVAPORATOR FOR VAPOR ANALYSIS | 12/313,375 | 11/18/2008 |
| CONTINUOUS FLOW VAPORIZATION | 61/343,589 | 4/29/2010 |
| SAMPLE PREPARATION FOR GAS ANALYSIS USING INDUCTIVE HEATING | 12/925,933 | 11/2/2010 |
| ROTARY VALVE FOR SAMPLE HANDLING IN FLUID ANALYSIS | 12/928,506 | 12/13/2010 |
| EVAPORATION ZONE FOR USE WITH SYRINGE NEEDLE | 61/461,034 | 1/11/2011 |
| IMPROVED CAVITY RING DOWN SPECTROSCOPY USING MEASURED BACKWARD MODE DATA | 13/065,270 | 3/18/2011 |
| METHODS FOR GAS LEAK DETECTION AND LOCALIZATION IN POPULATED AREAS | 61/627,915 | 10/20/2011 |
| METHODS FOR RAPID GAS SAMPLING WITH HIGH HORIZONTAL SPATIAL RESOLUTION | 61/630,770 | 12/15/2011 |

| | | |
|---|--|--|
| IN A MANNER SUITABLE FOR SUBSEQUENT CONSTITUENT GAS ANALYSIS | | |
|---|--|--|

EXHIBIT C

Trademarks

| <u>Description</u> | Registration/ Application <u>Number</u> | Registration/ Application <u>Date</u> |
|--------------------|---|---|
| P-CUBED | 85466133 | November 7, 2011 |
| PICARRO | EC002803914 | July 10, 2002 |

EXHIBIT D

Mask Works

Description

Registration/
Application
Number

Registration/
Application
Date

None