503800167 04/26/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3846814

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
AIRGARD, INC.	04/14/2016

RECEIVING PARTY DATA

Name:	AVIDBANK
Street Address:	50 WEST SAN FERNANDO STREET, SUITE 850
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95113

PROPERTY NUMBERS Total: 10

Property Type	Number
Patent Number:	9138679
Patent Number:	9023303
Patent Number:	8496741
Patent Number:	7942951
Patent Number:	7854792
Patent Number:	7794678
Patent Number:	7771514
Patent Number:	7611684
Patent Number:	4986838
Application Number:	13209929

CORRESPONDENCE DATA

Fax Number: (650)644-0520

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 6506483802

Email: PATTY@PATTYCHENG.COM

Correspondent Name: PATTY CHENG

Address Line 1:2625 MIDDLEFIELD RD., #215Address Line 4:PALO ALTO, CALIFORNIA 94306

ATTORNEY DOCKET NUMBER: 2-1054

PATENT 503800167 REEL: 038386 FRAME: 0123

NAME OF SUBMITTER:	PATTY CHENG		
SIGNATURE:	/s/ Patty Cheng		
DATE SIGNED:	04/26/2016		
Total Attachments: 6			
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INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT is entered into as of April 14, 2016 by and between AIRGARD, INC., a California corporation ("Grantor") and AVIDBANK, a California corporation ("Bank").

RECITALS

Bank has agreed to make certain advances of money and to extend certain financial accommodations to Grantor in the amounts and manner set forth in that certain Loan and Security Agreement by and between Bank and Grantor (as amended from time to time, the "Loan Agreement") dated of even date herewith. Capitalized terms used herein have the meaning assigned in the Loan Agreement. Bank is willing to make the financial accommodations to Grantor, but only upon the condition, among others, that Grantor grants to Bank a security interest in all of Grantor's right title, and interest in, to and under all of the Collateral whether presently existing or hereafter acquired.

NOW, THEREFORE, Grantor agrees as follows:

AGREEMENT

To secure performance of Grantor's obligations under the Loan Agreement, Grantor grants to Bank a security interest in all of Grantor's right, title and interest in Grantor's intellectual property (including without limitation those Copyrights, Patents and Trademarks listed on Exhibits A, B and C hereto), 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). This security interest is granted in conjunction with the security interest granted to Bank under the Loan Agreement. Each right, power and remedy of Bank provided for herein or in the Loan Agreement shall not preclude the simultaneous or later exercise by Bank of any or all other rights, powers or remedies.

This Agreement may be executed in two or more counterparts, each of which shall be deemed an original but all of which together shall constitute the same instrument. In the event that any signature to this Agreement is delivered by facsimile transmission or by e-mail delivery of a ".pdf" format data file, such signature shall create a valid and binding obligation of the party executing (or on whose behalf such signature is executed) with the same force and effect as if such facsimile or ".pdf" signature page were an original thereof.

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FAX: 408-200-7399 Attn: Larry LaCroix

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly

executed as of the first date written above.

Address of Grantor:

AIRGARD, INC.

2190 Paragon Drive

San Jose, CA 95131

Attn: Dan White – CEO
Martin Johnson - CFO

Title:

AVIDBANK

50 West San Fernando Street, Suite 850

San Jose, California 95113

Title:

FAX: 408-200-7399 Attn: Larry LaCroix

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly

EXHIBIT A

Copyrights

Please Check Box if No Copyrights Exist 🗹

Title Registration Number Registration Date

Ехнівіт В

Patents

Please Check Box if No Patents Exist \square

Title	Serial/ Patent Number	Application/ Issue Date
Systems and methods to prevent back-flash in an abatement system	9,138,679	September 22, 2015
Extended or multiple reaction zones in scrubbing apparatus	9,023,303	May 5, 2015
Reactive gas control	8,496,741	July 30, 2013
Apparatus and method for providing heated effluent gases to a scrubber	7,942,951	May 17, 2011
Reactive gas control	7,854,792	December 21, 2010
Effluent gas scrubbing	7,794,678	September 14, 2010
Apparatus and method for providing heated effluent gases to a scrubber	7,771,514	August 10, 2010
Effluent gas scrubber and method of scrubbing effluent gasses	7,611,684	November 3, 2009
Inlet system for gas scrubber	4,986,838	January 22, 1991
Momentum Transfer Using Liquid Injection	13/209929	August 15, 2011

EXHIBIT C

Trademarks

Please Check Box if No Trademarks Exist ☑

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

PATENT REEL: 038386 FRAME: 0130

RECORDED: 04/26/2016