

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT2910826

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SILICON VALLEY BANK	06/19/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NUVENTIX, INC
<b>Street Address:</b>	1909 BRAKER LANE
<b>Internal Address:</b>	BUILDING E, SUITE 100
<b>City:</b>	AUSTIN
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	78758
<b>PROPERTY NUMBERS Total: 17</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	7252140
Patent Number:	7606029
Patent Number:	7607470
Patent Number:	7768779
Patent Number:	7784972
Patent Number:	7932535
Patent Number:	8030886
Patent Number:	8035966
Patent Number:	8066410
Patent Number:	8069910
Patent Number:	8136576
Patent Number:	8430644
Patent Number:	8646701
Patent Number:	8672648
Application Number:	11494913
Application Number:	12286794
Patent Number:	8290724
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(612)492-7077
<b>PATENT</b>	

***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:** 612.492.7000  
**Email:** dmaday@fredlaw.com  
**Correspondent Name:** DEBORAH L. MADAY  
**Address Line 1:** FREDRIKSON & BYRON, P.A.  
**Address Line 2:** 200 SOUTH SIXTH STREET, SUITE 4000  
**Address Line 4:** MINNEAPOLIS, MINNESOTA 55402-1425

<b>ATTORNEY DOCKET NUMBER:</b>	68566.2
<b>NAME OF SUBMITTER:</b>	DEBORAH L. MADAY
<b>SIGNATURE:</b>	/Deborah L. Maday/
<b>DATE SIGNED:</b>	06/24/2014

**Total Attachments: 22**

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## **RELEASE OF SECURITY INTERESTS AGREEMENT**

This Release of Security Interests Agreement ("Agreement") is entered into and dated effective as of June 19, 2014, by and between Nuventix, Inc., a Delaware corporation ("Debtor"), and Silicon Valley Bank ("Secured Party").

### **INTRODUCTION**

A. Debtor and Secured Party are parties to an Intellectual Property Security Agreement dated as of March 25, 2009 (as such has been amended from time to time, the "Intellectual Property Security Agreement") and an Amended and Restated Loan and Security Agreement, dated as of April 21, 2011 (as such has been amended from time to time, the "Security Agreement" and, together with the Intellectual Property Security Agreement, the "Security Agreements").

B. Pursuant to the Security Agreements, Debtor granted Secured Party security interests in Debtor's patents, patent applications, trademarks, trademark applications, copyrights, copyright applications, mask works, other Intellectual Property Collateral (as defined in the Intellectual Property Security Agreement), and other Collateral (as such term is defined in the Security Agreement), including but not limited to the patents, patent applications, trademarks, trademark applications, copyrights, copyright applications, and mask works listed on the attached Exhibit A.

C. The parties desire to confirm the release of all security interests in favor of Secured Party granted pursuant to the Security Agreements.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereby agree as follows:

### **AGREEMENT**

1. Release of Security Interests. Secured Party hereby releases, discharges, terminates and relinquishes, without recourse of any kind, to Debtor, its successors and assigns, all security interests, charges and encumbrances granted by Debtor in favor of Secured Party pursuant to the Security Agreements, including, but not limited to, those relating to Debtor's patents, patent applications, trademarks, trademark applications, copyrights, copyright applications, mask works, other Intellectual Property Collateral, and other Collateral.

2. Further Cooperation. Secured Party shall, upon reasonable request of Debtor, execute and deliver to Debtor, or register, or arrange to have registered by its agent, all such other assurances, and further terminations and releases necessary to carry out the terms of this Agreement, including those under the Uniform Commercial Code or the laws of the United States related to patents, trademarks, copyrights, mask works, registrations or discharges of security interests in respect of intellectual property. Debtor agrees to pay for the preparation, execution, delivery, filing and recording of this Agreement in the appropriate jurisdictions and of all such other terminations, releases, agreements, discharges, other instruments and collateral.

IN WITNESS WHEREOF, the parties have executed this Release of Security Interests Agreement as of the date set forth above.

**DEBTOR:**

**NUVENTIX, INC.**

By: 

Print Name: JAMES A. BACHMANN

Print Title: President & CEO

**SECURED PARTY:**

**SILICON VALLEY BANK**

By: 

Print Name: Jocelyn Harman

Print Title: VP

{Release of Security Interests Agreement (Silicon Valley Bank)}

**EXHIBIT A**  
**INTELLECTUAL PROPERTY**

See Attached.

## SVB SECURITY INTEREST RELEASE SCHEDULE

**PATENTS**

<b><u>Title</u></b>	<b><u>Patent No.</u></b>	<b><u>Registrant</u></b>	<b><u>Current Owner</u></b>	<b><u>Jurisdiction</u></b>	<b><u>Filing Date</u></b>	<b><u>Reel/Frame</u></b>
SYNTHETIC JET ACTUATORS FOR COOLING HEATED BODIES AND ENVIRONMENTS	EP 1 040 736	Georgia Tech Research Corporation	Georgia Tech Research Corporation	Great Britain	11/12/1998	
ELECTRONICS PACKAGE FOR SYNTHETIC JET EJECTORS	EP 1 989 051 B1	Nuventix, Inc.	Nuventix, Inc.	Germany	02/22/2007	
ELECTRONICS PACKAGE FOR SYNTHETIC JET EJECTORS	EP 1 989 051 B1	Nuventix, Inc.	Nuventix, Inc.	The Netherlands	02/22/2007	
SYSTEM AND METHOD FOR THERMAL MANAGEMENT USING DISTRIBUTED SYNTHETIC JET ACTUATORS	EP 2 419 644	Georgia Tech Research Corporation	Georgia Tech Research Corporation	Great Britain	07/07/2004	
SYNTHETIC JET COOLING SYSTEM FOR LED MODULE	EP 1 943 687	Nuventix, Inc.	Nuventix, Inc.	European Regional: Germany Netherlands Great Britain	11/02/2006	
SYNTHETIC JET ACTUATOR AND APPLICATIONS THEREOF	5,758,823	Georgia Tech Research Corporation	Georgia Tech Research Corporation	U.S.	06/12/1995	
SYNTHETIC JET ACTUATOR AND APPLICATIONS THEREOF	5,894,990	Georgia Tech Research Corporation	Georgia Tech Research Corporation	U.S.	10/09/1997	
SYNTHETIC JET ACTUATORS FOR MODIFYING THE DIRECTION OF FLUID FLOWS	5,988,522	Georgia Tech Research Corporation	Georgia Tech Research Corporation	U.S.	06/05/1997	
SYNTHETIC JET ACTUATORS FOR COOLING HEATED	6,123,145	Georgia Tech Research	Georgia Tech Research	U.S.	11/14/1997	

## SVB SECURITY INTEREST RELEASE SCHEDULE

<u>Title</u>	<u>Patent No.</u>	<u>Registrant</u>	<u>Current Owner</u>	<u>Jurisdiction</u>	<u>Filing Date</u>	<u>Reel/Frame</u>
BODIES AND ENVIRONMENTS		Corporation	Corporation			
SYSTEM AND METHOD FOR THERMAL MANAGEMENT BY SYNTHETIC JET EJECTOR CHANNEL COOLING TECHNIQUES	6,588,497	Georgia Tech Research Corporation	Georgia Tech Research Corporation	U.S.	04/19/2002	
APPARATUS AND METHOD FOR ENHANCED HEAT TRANSFER	7,252,140	Georgia Tech Research Corporation	Georgia Tech Research Corporation	U.S.	09/01/2005	031217/0882
THERMAL MANAGEMENT SYSTEM FOR DISTRIBUTED HEAT SOURCES	7,606,029	Nuventix, Inc.	Nuventix, Inc.	U.S.	11/13/2006	031217/0882
SYNTHETIC JET HEAT PIPE THERMAL MANAGEMENT SYSTEMS	7,607,470	Nuventix, Inc.	Nuventix, Inc.	U.S.	11/13/2006	031217/0882
THERMAL MANAGEMENT SYSTEM FOR CARD CAGES	7,760,499	Nuventix, Inc.	Nuventix, Inc.	U.S.	05/14/2009	
SYNTHETIC JET EJECTOR WITH VIEWING WINDOW AND TEMPORAL ALIASING	7,768,779	Nuventix, Inc.	Nuventix, Inc.	U.S.	06/04/2008	031217/0882
THERMAL MANAGEMENT SYSTEM FOR LED ARRAY	7,784,972	Nuventix, Inc.	Nuventix, Inc.	U.S.	12/22/2007	031217/0882
THERMAL MANAGEMENT SYSTEM FOR LED ARRAY	7,819,556	Nuventix, Inc.	Nuventix, Inc.	U.S.	02/26/2008	

# SVB SECURITY INTEREST RELEASE SCHEDULE

<u>Title</u>	<u>Patent No.</u>	<u>Registrant</u>	<u>Current Owner</u>	<u>Jurisdiction</u>	<u>Filing Date</u>	<u>Reel/Frame</u>
SYNTHETIC JET COOLING SYSTEM FOR LED MODULE	7,932,535	Nuventix, Inc.	Nuventix, Inc.	U.S.	11/02/2005	031217/0882
THERMAL MANAGEMENT OF BATTERIES USING SYNTHETIC JETS	8,030,886	Nuventix, Inc.	Nuventix, Inc.	U.S.	12/19/2006	031217/0882
ELECTRONICS PACKAGE FOR SYNTHETIC JET EJECTORS	8,035,966	Nuventix, Inc.	Nuventix, Inc.	U.S.	02/22/2007	031217/0882
LIGHT FIXTURE WITH MULTIPLE LEDS AND SYNTHETIC JET THERMAL MANAGEMENT SYSTEM	8,066,410	Nuventix, Inc.	Nuventix, Inc.	U.S.	10/16/2008	031217/0882
ACOUSTIC RESONATOR FOR SYNTHETIC JET GENERATION FOR THERMAL MANAGEMENT	8,069,910	Nuventix, Inc.	Nuventix, Inc.	U.S.	10/12/2005	031217/0882
VIBRATION ISOLATION SYSTEM FOR SYNTHETIC JET DEVICES	8,136,576	Nuventix, Inc.	Nuventix, Inc.	U.S.	06/22/2007	031217/0882
METHOD AND APPARATUS FOR CONTROLLING DIAPHRAGM DISPLACEMENT IN SYNTHETIC JET ACTUATORS	8,290,724	Nuventix, Inc.	Nuventix, Inc.	U.S.	11/06/2008	031217/0882
ADVANCED SYNJET COOLER DESIGN FOR LED LIGHT MODULES	8,299,691	Nuventix, Inc.	Nuventix, Inc.	U.S.	07/15/2009	
THERMAL MANAGEMENT OF VERY SMALL FORM FACTOR PROJECTORS WITH SYNTHETIC JETS	8,388,142	Nuventix, Inc.	Nuventix, Inc.	U.S.	04/10/2009	



# SVB SECURITY INTEREST RELEASE SCHEDULE

<u>Title</u>	<u>Patent No.</u>	<u>Registrant</u>	<u>Current Owner</u>	<u>Jurisdiction</u>	<u>Filing Date</u>	<u>Reel/Frame</u>
SYNTHETIC JET EJECTOR FOR THE THERMAL MANAGEMENT OF PCI CARDS	8,430,644	Nuventix, Inc.	Nuventix, Inc.	U.S.	11/17/2006	031217/0882
THERMAL MANAGEMENT OF LED ILLUMINATION DEVICES WITH SYNTHETIC JET EJECTORS	8,579,476	Nuventix, Inc.	Nuventix, Inc.	U.S.	10/12/2010	
MOLDABLE HOUSING DESIGN FOR SYNTHETIC JET EJECTOR	8,646,701	Nuventix, Inc.	Nuventix, Inc.	U.S.	07/03/2007	031217/0882
METHODS FOR REDUCING THE NON-LINEAR BEHAVIOR OF ACTUATORS USED FOR SYNTHETIC JETS	8,672,648	Nuventix, Inc.	Nuventix, Inc.	U.S.	05/21/2007	031217/0882

## PATENT APPLICATIONS

<u>Title</u>	<u>App. No.</u>	<u>Registrant</u>	<u>Current Owner</u>	<u>Jurisdiction</u>	<u>Filing Date</u>	<u>Reel/Frame</u>
THERMAL MANAGEMENT SYSTEM FOR CARD CAGES	10 2009 020 817.8	Nuventix, Inc.	Nuventix, Inc.	Germany	05/11/2009	
SYNTHETIC JET EJECTOR AND DESIGN THEREOF TO FACILITATE MASS PRODUCTION	11 2011 100 524.5	Nuventix, Inc.	Nuventix, Inc.	Germany	08/10/2012	
SYNTHETIC JET EJECTOR FOR AUGMENTATION OF PUMPED LIQUID LOOP COOLING AND ENHANCEMENT OF POOL AND FLOW BOILING	11/494,913	Nuventix, Inc.	Nuventix, Inc.	U.S.	7/28/2006	031217/0882

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<u>Title</u>	<u>App. No.</u>	<u>Registrant</u>	<u>Current Owner</u>	<u>Jurisdiction</u>	<u>Filing Date</u>	<u>Reel/Frame</u>
VIBRATION BALANCED SYNTHETIC JET EJECTOR	12/286,794	Nuventix, Inc.	Nuventix, Inc.	U.S.	10/01/2008	031217/0882
THERMAL MANAGEMENT OF LED ILLUMINATION DEVICES WITH SYNTHETIC JET EJECTORS	12/503,181	Nuventix, Inc.	Nuventix, Inc.	U.S.	7/15/2009	
SYNTHETIC JET EJECTOR FOR AUGMENTATION OF PUMPED LIQUID LOOP COOLING AND ENHANCEMENT OF POOL AND FLOW BOILING	12/829,808	Nuventix, Inc.	Nuventix, Inc.	U.S.	07/02/2010	
THERMAL MANAGEMENT OF BATTERIES USING SYNTHETIC JETS	12/904,444	Nuventix, Inc.	Nuventix, Inc.	U.S.	10/14/2010	
APPARATUS AND METHOD FOR ENHANCED HEAT TRANSFER	12/966,446	Georgia Tech Research Corporation	Georgia Tech Research Corporation	U.S.	12/13/2010	
SYNTHETIC JET EJECTOR AND DESIGN THEREOF TO FACILITATE MASS PRODUCTION	13/026,220	Nuventix, Inc.	Nuventix, Inc.	U.S.	02/12/2011	
LIGHT FIXTURE WITH MULTIPLE LEDS AND SYNTHETIC JET THERMAL MANAGEMENT SYSTEM	13/251,626	Nuventix, Inc.	Nuventix, Inc.	U.S.	10/03/2011	
SYSTEMS AND METHODOLOGIES FOR ACHIEVING ACOUSTIC CANCELLATION IN SYNTHETIC JET EJECTORS	13/292,210	Nuventix, Inc.	Nuventix, Inc.	U.S.	11/09/2011	

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SYSTEMS AND METHODOLOGIES FOR PREVENTING DUST AND PARTICLE CONTAMINATION OF SYNTHETIC JET EJECTORS	13/332,923	Nuventix, Inc.	Nuventix, Inc.	U.S.	12/21/2011	
SYNTHETIC JET EJECTOR WITH SEALED MOTOR	13/442,445	Nuventix, Inc.	Nuventix, Inc.	U.S.	04/09/2012	
SYSTEMS AND METHODOLOGIES FOR PREVENTING DUST AND PARTICLE CONTAMINATION OF SYNTHETIC JET EJECTORS	13/450,072	Nuventix, Inc.	Nuventix, Inc.	U.S.	04/18/2012	
THERMAL MANAGEMENT OF LED ILLUMINATION DEVICES WITH SYNTHETIC JET EJECTORS	13/470,523	Nuventix, Inc.	Nuventix, Inc.	U.S.	05/14/2012	
POWER DELIVERY TO DIAPHRAGMS	13/473,535	Nuventix, Inc.	Nuventix, Inc.	U.S.	05/16/2012	
SYNTHETIC JET ACTUATORS AND EJECTORS AND METHODS FOR USING THE SAME	13/474,489	Nuventix, Inc.	Nuventix, Inc.	U.S.	05/17/2012	
ADVANCED SYNJET COOLER DESIGN FOR LED LIGHT MODULES	13/647,123	Nuventix, Inc.	Nuventix, Inc.	U.S.	10/08/2012	
SYNTHETIC JET EJECTOR WITH SELECTABLE AUDIO FOOTPRINT	13/691,700	Nuventix, Inc.	Nuventix, Inc.	U.S.	11/30/2012	

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LOW FORM FACTOR SYNTHETIC JET THERMAL MANAGEMENT SYSTEM	13/704,549	Nuventix, Inc.	Nuventix, Inc.	U.S.	01/16/2013	
THERMAL MANAGEMENT OF VERY SMALL FORM FACTOR PROJECTORS WITH SYNTHETIC JETS	13/753,861	Nuventix, Inc.	Nuventix, Inc.	U.S.	01/30/2013	
SYNTHETIC JET EJECTOR FOR THE THERMAL MANAGEMENT OF PCI CARDS	13/791,197	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/08/2013	
AUGMENTATION OF FANS WITH SYNTHETIC JET EJECTORS	13/846,646	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/18/2013	
PELTIER COOLER EQUIPPED WITH SYNTHETIC JET EJECTORS	13/846,915	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/18/2013	
THERMAL MANAGEMENT OF LED ILLUMINATION DEVICES WITH SYNTHETIC JET EJECTORS	13/969,976	Nuventix, Inc.	Nuventix, Inc.	U.S.	08/19/2013	
THERMAL MANAGEMENT SYSTEM COMPRISING A HEAT PIPE, HEAT FINS AND A SYNTHETIC JET EJECTOR	14/179,812	Nuventix, Inc.	Nuventix, Inc.	U.S.	02/13/2014	
MODULAR SYNTHETIC JET EJECTOR AND SYSTEMS INCORPORATING THE SAME	14/185,601	Nuventix, Inc.	Nuventix, Inc.	U.S.	02/20/2014	

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SYNTHETIC JET ACTUATOR EQUIPPED WITH A PIEZOELECTRIC ACTUATOR AND A VISCOUS SEAL	14/193,149	Nuventix, Inc.	Nuventix, Inc.	U.S.	02/28/2014	
SYNTHETIC JET ACTUATOR EQUIPPED WITH A PIEZOELECTRIC ACTUATOR AND A VISCOUS SEAL	14/194,695	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/01/2014	
SYNTHETIC JET ACTUATOR EQUIPPED WITH ENTRAINMENT FEATURES	14/195,162	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/03/2014	
SYNTHETIC JET ACTUATOR MOTOR EQUIPPED WITH MEANS FOR MAGNETIC FLUX PROFILING	14/197,205	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/04/2014	
MICRO SYNTHETIC JET EJECTOR	14/200,574	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/07/2014	
LOW PROFILE SYNTHETIC JET ACTUATOR EQUIPPED WITH MOVING ARMATURES AND STACKABLE PLATES	14/203,549	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/10/2014	
METHOD FOR FORMING SYNTHETIC JET ACTUATOR AND COMPONENTS THEREOF THROUGH INSERT MOLDING	14/209,283	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/13/2014	

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SYNTHETIC JET EJECTOR EQUIPPED WITH COLD TEMPERATURE START CONTROL DELAY	14/211,836	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/14/2014	
SMART LED CONTROLLER	14/213,926	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/14/2014	
SYNTHETIC JET EJECTOR AND DESIGN THEREOF TO FACILITATE MASS PRODUCTION	14/291,729	Nuventix, Inc.	Nuventix, Inc.	U.S.	5/30/2014	
SYNTHETIC JET EJECTOR AND DESIGN THEREOF TO FACILITATE MASS PRODUCTION	2011 8000 9023.3	Nuventix, Inc.	Nuventix, Inc.	China	08/10/2012	
SYNTHETIC JET EJECTOR AND DESIGN THEREOF TO FACILITATE MASS PRODUCTION	2011215590	Nuventix, Inc.	Nuventix, Inc.	Australia	07/25/2012	
LIGHT FIXTURE WITH MULTIPLE LEDS AND SYNTHETIC JET THERMAL MANAGEMENT SYSTEM	60/000,321	Nuventix, Inc.	Nuventix, Inc.	U.S.	10/24/2007	
SYNTHETIC JET HEAT PIPE THERMAL MANAGEMENT SYSTEM	60/736,412	Nuventix, Inc.	Nuventix, Inc.	U.S.	11/14/2005	
THERMAL MANAGEMENT SYSTEM FOR DISTRIBUTED HEAT SOURCES	60/736,444	Nuventix, Inc.	Nuventix, Inc.	U.S.	11/14/2005	

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SMALL FORM FACTOR SYNTHETIC JET COOLING SOLUTIONS FOR PCI EXPRESS CARDS	60/737,920	Nuventix, Inc.	Nuventix, Inc.	U.S.	11/18/2005	
SYNTHETIC JET EJECTOR FOR COOLING RUGGADIZED CARD	60/750,656	Nuventix, Inc.	Nuventix, Inc.	U.S.	12/14/2005	
SYNTHETIC JET COOLING TECHNIQUES FOR BATTERIES AND CHARGERS	60/753,074	Nuventix, Inc.	Nuventix, Inc.	U.S.	12/21/2005	
SYNTHETIC JET EJECTOR FOR THE THERMAL MANAGEMENT OF PCI CARDS	60/755,603	Nuventix, Inc.	Nuventix, Inc.	U.S.	12/31/2005	
ELECTRONICS PACKAGE FOR SYNTHETIC JET EJECTORS	60/776,649	Nuventix, Inc.	Nuventix, Inc.	U.S.	02/23/2006	
METHODS FOR REDUCING THE NON- LINEAR BEHAVIOR OF ACTUATORS USED FOR SYNTHETIC JETS	60/802,954	Nuventix, Inc.	Nuventix, Inc.	U.S.	05/23/2006	
VIBRATION ISOLATION SYSTEM FOR SYNTHETIC JET DEVICES	60/816,149	Nuventix, Inc.	Nuventix, Inc.	U.S.	06/22/2006	
MOLDABLE HOUSING DESIGN FOR SYNTHETIC JET EJECTOR	60/818,717	Nuventix, Inc.	Nuventix, Inc.	U.S.	07/05/2006	
THERMAL MANAGEMENT OF VERY SMALL FORM FACTOR PROJECTORS WITH SYNTHETIC JETS	60/851,660	Nuventix, Inc.	Nuventix, Inc.	U.S.	10/13/2006	

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THERMAL MANAGEMENT SYSTEM FOR LED ARRAY	60/876,860	Nuventix, Inc.	Nuventix, Inc.	U.S.	12/22/2006	
SYNTHETIC JET EJECTOR WITH VIEWING WINDOW AND TEMPORAL ALIASING	60/933,185	Nuventix, Inc.	Nuventix, Inc.	U.S.	06/04/2007	
VIBRATION BALANCED SYNTHETIC JET EJECTOR	60/997,256	Nuventix, Inc.	Nuventix, Inc.	U.S.	10/01/2007	
METHOD AND APPARATUS FOR CONTROLLING DIAPHRAGM DISPLACEMENT IN SYNTHETIC JET ACTUATORS	61/002,237	Nuventix, Inc.	Nuventix, Inc.	U.S.	11/06/2007	
THERMAL MANAGEMENT SYSTEM FOR CARD CAGES	61/127,445	Nuventix, Inc.	Nuventix, Inc.	U.S.	05/13/2008	
ADVANCED SYNJET COOLER DESIGN FOR LED LIGHT MODULES	61/134,966	Nuventix, Inc.	Nuventix, Inc.	U.S.	07/15/2008	
THERMAL MANAGEMENT OF LED ILLUMINATION DEVICES WITH SYNTHETIC JET EJECTORS	61/134,984	Nuventix, Inc.	Nuventix, Inc.	U.S.	07/15/2008	
SYNTHETIC JET EJECTOR AND DESIGN THEREOF TO FACILITATE MASS PRODUCTION	61/304,427	Nuventix, Inc.	Nuventix, Inc.	U.S.	02/13/2010	



## SVB SECURITY INTEREST RELEASE SCHEDULE

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LOW FORM FACTOR SYNTHETIC JET THERMAL MANAGEMENT SYSTEM	61/355,308	Nuventix, Inc.	Nuventix, Inc.	U.S.	06/16/2010	
SYSTEMS AND METHODOLOGIES FOR ACHIEVING ACOUSTIC CANCELLATION IN SYNTHETIC JET EJECTORS	61/411,654	Nuventix, Inc.	Nuventix, Inc.	U.S.	11/09/2010	
SYSTEMS AND METHODOLOGIES FOR PREVENTING DUST AND PARTICLE CONTAMINATION OF SYNTHETIC JET EJECTORS	61/425,385	Nuventix, Inc.	Nuventix, Inc.	U.S.	12/21/2010	
COOLING CONCEPTS	61/486,838	Nuventix, Inc.	Nuventix, Inc.	U.S.	05/17/2011	
SYSTEMS AND METHODOLOGIES FOR MECHANICALLY SECURING A DIAPHRAGM WITHIN A SYNTHETIC JET EJECTOR	61/486,874	Nuventix, Inc.	Nuventix, Inc.	U.S.	05/17/2011	
SYSTEMS AND METHODOLOGIES FOR INTEGRATING COMPONENTS IN SYNTHETIC JET EJECTORS	61/486,913	Nuventix, Inc.	Nuventix, Inc.	U.S.	05/17/2011	
PRESS-ON HEAT SINK MOUNT FOR SYNTHETIC JET EJECTORS	61/486,955	Nuventix, Inc.	Nuventix, Inc.	U.S.	05/17/2011	
SYNTHETIC JET EJECTOR WITH SEALED MOTOR	61/486,985	Nuventix, Inc.	Nuventix, Inc.	U.S.	05/17/2011	

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SYSTEMS AND METHODOLOGIES FOR PREVENTING DUST AND PARTICLE CONTAMINATION OF SYNTHETIC JET EJECTORS	61/487,179	Nuventix, Inc.	Nuventix, Inc.	U.S.	05/17/2011	
DRIVE AND CONTROL ELECTRONICS	61/487,260	Nuventix, Inc.	Nuventix, Inc.	U.S.	05/17/2011	
POWER DELIVERY TO DIAPHRAGMS	61/487,277	Nuventix, Inc.	Nuventix, Inc.	U.S.	05/17/2011	
ENGINE CONCEPTS	61/487,278	Nuventix, Inc.	Nuventix, Inc.	U.S.	05/17/2011	
SYNTHETIC JET EJECTOR WITH SELECTABLE AUDIO FOOTPRINT	61/564,930	Nuventix, Inc.	Nuventix, Inc.	U.S.	11/30/2011	
AUGMENTATION OF FANS WITH SYNTHETIC JET EJECTORS	61/611,863	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/16/2012	
PELTIER COOLER EQUIPPED WITH SYNTHETIC JET EJECTORS	61/611,923	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/16/2012	
SYNTHETIC JET EJECTORS WITH IMPROVED MANUFACTURABILITY	61/614,512	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/23/2012	
MODULAR SYNTHETIC JET EJECTOR AND SYSTEMS INCORPORATING THE SAME	61/768,090	Nuventix, Inc.	Nuventix, Inc.	U.S.	02/22/2013	

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THERMAL MANAGEMENT SYSTEM COMPRISING A HEAT PIPE, HEAT FINS AND A SYNTHETIC JET EJECTOR	61/768,189	Nuventix, Inc.	Nuventix, Inc.	U.S.	02/22/2013	
SYNTHETIC JET ACTUATOR EQUIPPED WITH A PIEZOELECTRIC ACTUATOR AND A VISCOUS SEAL	61/770,707	Nuventix, Inc.	Nuventix, Inc.	U.S.	02/28/2013	
SYNTHETIC JET ACTUATOR EQUIPPED WITH ENTRAINMENT FEATURES	61/771,271	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/01/2013	
SYNTHETIC JET ACTUATOR EQUIPPED WITH A PIEZOELECTRIC ACTUATOR AND A VISCOUS SEAL	61/771,289	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/01/2013	
SYNTHETIC JET ACTUATOR MOTOR EQUIPPED WITH MEANS FOR MAGNETIC FLUX PROFILING	61/772,064	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/04/2013	
SYNTHETIC JET ACTUATOR MOTOR EQUIPPED WITH MEANS FOR MAGNETIC FLUX PROFILING	61/774,974	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/18/2013	
LOW PROFILE SYNTHETIC JET ACTUATOR	61/776,011	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/11/2013	

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NOZZLE CONFIGURATION FOR SYNTHETIC JET ACTUATOR FOR RE- INGESTION REDUCTION	61/776,011	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/11/2013	
METHOD OF ESTIMATING THE STROKE OF VARIABLE- RELUCTANCE SYNTHETIC JET ACTUATORS USING COIL IMPEDENCE	61/776,028	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/11/2013	
NOZZLE CONFIGURATION FOR SYNTHETIC JET ACTUATOR FOR RE- INGESTION REDUCTION	61/776,066	Nuventix, Inc.	Nuventix, Inc.	U.S.	3/11/2009	
FLAT SPRING CONFIGURATIONS FOR SYNTHETIC JET ACTUATOR	61/777,185	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/12/2013	
SMART LED CONTROLLER	61/787,032	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/15/2013	
THERMAL MANAGEMENT DEVICE CONTAINING HEAT SPREADER EQUIPPED WITH HEAT PIPES AND INTEGRAL NOZZLES	61/787,831	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/15/2013	
SYNTHETIC JET EJECTOR EQUIPPED WITH COLD TEMPERATURE START CONTROL DELAY	61/789,757	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/15/2013	

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SYNTHETIC JET EJECTOR WITH CONTROLLER TO MATCH OPERATING LEVEL TO THERMAL REQUIREMENT	61/793,137	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/15/2013	
SYSTEM AND METHOD FOR CONTROLLING SYNTHETIC JET EJECTOR POWER DEMAND IN DIMMING APPLICATIONS	61/793,720	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/15/2013	
SYNTHETIC JET EJECTOR EQUIPPED WITH CONTROLLER TO MATCH OPERATING LEVEL TO THERMAL REQUIREMENT	61/800,053	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/15/2013	
MULTIPLE DIE PACKAGE FOR LED LIGHTING APPLICATIONS INVOLVING THERMAL MANAGEMENT WITH SYNTHETIC JET	61/800,998	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/15/2013	
SYSTEMS AND METHODOLOGIES FOR MITIGATING ACOUSTIC EMISSIONS IN SYNTHETIC JET EJECTORS	61/801,399	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/15/2013	
SINGLE PHASE ACTUATOR DRIVE CURRENT	61/801,702	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/15/2013	
THERMAL MANAGEMENT OF POWER SUPPLIES WITH SYNTHETIC JET EJECTORS	61/802,218	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/15/2013	

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MODULAR SYNTHETIC JET BASED THERMAL MANAGEMENT SYSTEM FOR SHROUDED OUTDOOR REMOTE RADIO HEAD UNITS	61/805,607	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/27/2013	
ACTUATOR CONTROL AND RESONANCE TRACKING USING ONLY BEMF MEASUREMENT	61/806,146	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/28/2013	
MICRO SYNTHETIC JET EJECTOR	61/809,536	Nuventix, Inc.	Nuventix, Inc.	U.S.	04/08/2013	
MOVING ARMATURE SYNTHETIC JET ACTUATOR DESIGN	61/828,894	Nuventix, Inc.	Nuventix, Inc.	U.S.	05/30/2013	
MOVING ARMATURE SYNTHETIC JET ACTUATOR DESIGN WITH STACKABLE PLATES	61/829,318	Nuventix, Inc.	Nuventix, Inc.	U.S.	05/31/2013	
DIAPHRAGMS FOR SYNTHETIC JET ACTUATORS AND METHODS FOR MANUFACTURING THE SAME	61/837,526	Nuventix, Inc.	Nuventix, Inc.	U.S.	06/20/2013	
METHOD FOR ESTIMATING THE STROKE OF A VARIABLE RESISTANCE SYNTHETIC JET ACTUATOR	61/838,670	Nuventix, Inc.	Nuventix, Inc.	U.S.	06/24/2013	
SYNTHETIC JET ACTUATORS AS MULTIFUNCTIONAL DEVICES IN MOBILE TECHNOLOGY PLATFORMS	61/843,399	Nuventix, Inc.	Nuventix, Inc.	U.S.	07/07/2013	

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LOW PROFILE SYNTHETIC JET ACTUATOR EQUIPPED WITH MOVING ARMATURES AND STACKABLE PLATES	61/857,737	Nuventix, Inc.	Nuventix, Inc.	U.S.	07/24/2013	
SYNTHETIC JET ACTUATOR WITH VIBRATION CANCELLATION	61/894,685	Nuventix, Inc.	Nuventix, Inc.	U.S.	10/23/2013	
SYSTEM AND METHOD FOR THERMAL MANAGEMENT USING DISTRIBUTED SYNTHETIC JET ACTUATORS	PCT/US04/02 1706	Nuventix, Inc.	Nuventix, Inc.	U.S.	07/07/2004	
APPARATUS AND METHOD FOR ENHANCED HEAT TRANSFER	PCT/US05/02 9577	Georgia Tech Research Corporation	Georgia Tech Research Corporation	U.S.	08/09/2005	
SYNTHETIC JET COOLING SYSTEM FOR LED MODULE	PCT/US06/04 3081	Nuventix, Inc.	Nuventix, Inc.	U.S.	11/02/2006	
THERMAL MANAGEMENT OF VERY SMALL FORM FACTOR PROJECTORS	PCT/US07/02 1821	Nuventix, Inc.	Nuventix, Inc.	U.S.	10/11/2007	
ELECTRONICS PACKAGE FOR SYNTHETIC JET EJECTORS	PCT/US07/04 697	Nuventix, Inc.	Nuventix, Inc.	U.S.	02/22/2007	
SYNTHETIC JET EJECTOR AND DESIGN THEREOF TO FACILITATE MASS PRODUCTION	PCT/US11/02 4665	Nuventix, Inc.	Nuventix, Inc.	U.S.	02/12/2011	

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LOW FORM FACTOR SYNTHETIC JET THERMAL MANAGEMENT SYSTEM	PCT/US11/04 0794	Nuventix, Inc.	Nuventix, Inc.	U.S.	06/16/2011	
SYNTHETIC JET EJECTORS WITH IMPROVED MANUFACTURABI TY	PCT/US13/03 3770	Nuventix, Inc.	Nuventix, Inc.	U.S.	03/25/2013	

## TRADEMARKS

### Registered Trademarks

<b>Trademark Name / Description</b>	<b>Registration Number</b>	<b>Registrant</b>	<b>Current Owner</b>	<b>Jurisdiction</b>	<b>Filing Date</b>	<b>Issue Date</b>	<b>Reel/Frame</b>
SYNJET	3,428,167	Nuventix, Inc.	Nuventix, Inc.	U.S.	04/08/2005	05/13/2008	5112/0427
NUVENTIX	3,427,629	Nuventix, Inc.	Nuventix, Inc.	U.S.	12/20/2006	05/13/2008	5112/0427

### Unregistered Trademarks/Service Marks:

RazorJet

BladeJet