

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3148017

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NOMADICS, INC.	03/20/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FLIR DETECTION, INC.
<b>Street Address:</b>	1024 SOUTH INNOVATION WAY
<b>City:</b>	STILLWATER
<b>State/Country:</b>	OKLAHOMA
<b>Postal Code:</b>	74074
<b>PROPERTY NUMBERS Total: 28</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	7357043
Patent Number:	8038946
Patent Number:	7796262
Patent Number:	7008559
Patent Number:	7244926
Patent Number:	6661950
Patent Number:	5804971
Patent Number:	7757539
Patent Number:	7126136
Patent Number:	7067072
Patent Number:	7982878
Patent Number:	7397043
Patent Number:	7324199
Patent Number:	7177492
Patent Number:	8307724
Patent Number:	7266271
Patent Number:	6558626
Patent Number:	7501092
Patent Number:	7212701
Patent Number:	7435944
Application Number:	13151858

**PATENT**

Property Type	Number
Patent Number:	8183053
Patent Number:	6768510
Patent Number:	7835006
Patent Number:	7538329
Patent Number:	7419636
Patent Number:	8323576
Application Number:	13748040

#### CORRESPONDENCE DATA

**Fax Number:** (405)235-0439

*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.*

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**Correspondent Name:** MICHAEL J. LABRIE

**Address Line 1:** 211 NORTH ROBINSON AVENUE

**Address Line 2:** 10TH FLOOR 2 LEADERSHIP SQUARE

**Address Line 4:** OKLAHOMA CITY, OKLAHOMA 73102

<b>ATTORNEY DOCKET NUMBER:</b>	05068.7
<b>NAME OF SUBMITTER:</b>	MICHAEL J. LABRIE
<b>SIGNATURE:</b>	/Michael J. LaBrie/
<b>DATE SIGNED:</b>	12/15/2014

#### Total Attachments: 4

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ASSIGNMENT

WHEREAS, as of December 31, 2013 **Nomadics, Inc.** of 1024 South Innovation Way, Stillwater, Oklahoma 74074, a Oklahoma corporation (hereinafter "ASSIGNOR") has agreed pursuant to Merger Agreement effective December 31, 2013, to assign to **FLIR Detection, Inc.** (hereinafter "ASSIGNEE"), a corporation of Delaware with its principal place of business located at 1024 South Innovation Way, Stillwater, Oklahoma 74074, all right, title and interest in and to certain patents and/or patents set forth in the attached Schedule A; and

NOW, THEREFORE, in exchange of mutual promises and other consideration received, the receipt and sufficiency of which is hereby acknowledged, and other good and valuable consideration, ASSIGNOR has sold, assigned and transferred, and by these presents do sell, assign and transfer unto ASSIGNEE its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to all inventions relating to and as set forth in the patents and patent applications listed in Schedule A (herein referred to collectively as the "PATENTS"), as attached hereto, as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, continuations-in-part, reissues, and extensions of said applications and Letters Patent, (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres, and (f) all claims or causes of action for the PATENTS and the right to pursue past, present and future infringement of the PATENTS; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made, together with the right to sue and obtain damages for past, present and future infringement.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to the PATENTS and the invention described therein, any patent applications claiming priority to the PATENTS, and any patents issuing from said applications as may be known and accessible to ASSIGNOR and will testify as


**Nomadics, Inc.**

to the same in any interference, litigation, or proceeding related thereof and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce the PATENTS, any patent applications claiming priority to the PATENTS, and any patents issuing from said applications and said equivalents thereof which may be necessary or desirable to carry out the purpose thereof.

Executed by the undersigned on the date indicated.

In the presence of:

  
Witness

  
James Burdick  
Vice President of Nomadics, Inc.

Date: 3/20/14

Date: 3/20/14

## SCHEDULE A

Serial Number	Title	First Inventor	Registration Number	Issuance Date	National Filing Date
11/220501	Chemical Trace Detection Portal Based On The Natural Airflow and Heat Transfer of Vehicles	Towers, Eric	7357043	4/15/2008	9/7/2005
11/999144	Discreet Passive Explosive Detection Through 2-Sided Waveguided Fluorescence	Fisher, Mark	8038946	10/18/2011	12/4/2007
11/809867	Integrated Optical Resonator Device For Measuring Chemical and Biological Analyte Concentrations	Wesley, David	7796262	9/24/2010	5/31/2007
10/166313	Manganese Doped Upconversion Luminescence Nanoparticles	Chen, Wei	7008559	3/7/2006	6/6/2002
11/068587	Microresonator-Based High-Performance High-Pressure Sensor and System	Ja, Shiou-jyh	7244926	7/17/2007	2/28/2005
10/043961	Microresonator-Based Tuned Optical Filter	Strecker, Brian N.	6661950	12/9/2003	1/10/2002
08/609176	Modular Card Based Meter	Cumming, Colin	5804971	9/8/1998	3/1/1996
11/789049	Modulated Pressure Wave Vapor Generator	Aker, Craig	7757539	7/20/2010	4/23/2007
11/067373	Nanoparticle Optical Storage Apparatus and Methods of Making and Using Same	Chen, Wei	7126136	10/24/2006	2/25/2005
10/223764	Nanophase Luminescence Particulate Material	Chen, Wei	7067072	6/27/2006	8/19/2002
12/245574	Optical Emission Collection and Detection Device and Method	Ja, Shiou-jyh	7982878	7/19/2011	10/3/2008
11/335140	Standoff Optical Detection Platform Based on Surface Plasmon-Coupled Emission	Ja, Shiou-jyh	7397043	7/8/2008	1/19/2006
11/222057	System and Deconvolution Process for an Optical Filtering Device Based on WGM Resonance	Shiou-jyh, Ja	7324199	1/29/2008	9/8/2005
11/077834	System, Probe and Methods for Colormetric Testing	Strecker, Brian N.	7177492	2/13/2007	3/11/2005
12/582380	Two Mode Vapor/Particulate Sampling Device	Wichert, Clinton	8307724	11/13/2012	10/20/2009
10/293896	System, Probe and Methods for Colormetric Testing	Strecker, Brian N.	7266271	9/4/2007	11/12/2002
09/978491	Vapor Sensing Instrument For Ultra Trace Chemical Detection	Aker, Craig	6558626	5/6/2003	10/16/2001

**Nomadics, Inc.**

Serial Number	Title	First Inventor	Registration Number	Issuance Date	National Filing Date
EP 10847618.5	Multi-Analyte Detection System and Method	O'Dell, Brian			12/14/2010
11/202005	Manganese Doped Upconversion Luminescence Nanoparticles	Chen, Wei	7501092	3/10/2009	8/11/2005
11/473887	Methods For Measuring Optical Absorbance Of A Sample Medium	Strecker, Brian N.	7212701	5/1/2007	6/23/2006
11/713858	Microresonator-Based High-Performance High-Pressure Sensor and System	Johnson,	7435944	10/14/2008	3/5/2007
13/151858	Nanoparticle Based Photodynamic Therapy and Methods of Making and Using Same	Zhang, Jun			6/2/2011
12/767351	Preconcentrator Media and Methods for Preconcentration of an Analyte	Frye-Mason, Greg	8183053	5/22/2012	4/26/2010
10/364567	Color Correction for RGB	Lagrone, Marcus	6768510	7/27/2004	2/11/2003
11/267093	Optical Fiber Sensors Using Grating-Assisted Surface Plasmon-Coupled Emission (GASPCE)	Shiou-jyh, Ja	7835006	11/16/2010	11/4/2005
11/262470	Energy-Transfer Nanocomposite Materials and Methods of Making and Using Same	Zhang, Jun	7538329	5/26/2009	10/28/2005
10/401051	Vapor Sensing Instrument For Ultra Trace Chemical Detection	Aker, Craig	7419636	9/2/2008	3/27/2003
10/928987	Vapor Sensing Instrument For Ultra Trace Chemical Detection	Aker, Craig	8323576	12/4/2012	8/27/2004
13/748040	Optical Biosensor Referencing Method	Quinn, John			1/23/2013
EP 11733396.1	In Situ-Dilution Method and Apparatus for Measuring Molecular and Chemical Interactions	Quinn, John			1/13/2011