

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2960629

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSIGNEE'S ADDRESS previously recorded on Reel 033265 Frame 0488. Assignor(s) hereby confirms the SECURITY INTEREST.

**CONVEYING PARTY DATA**

Name	Execution Date
ADVION, INC.	06/17/2014

**RECEIVING PARTY DATA**

<b>Name:</b>	GEFUS SBIC II, L.P.
<b>Street Address:</b>	375 PARK AVENUE, SUITE 3607
<b>Internal Address:</b>	C/O GEFINOR CAPITAL
<b>City:</b>	NEW YORK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10152

**PROPERTY NUMBERS Total: 64**

Property Type	Number
Application Number:	08568845
Application Number:	09030641
Application Number:	09156037
Application Number:	09334408
Application Number:	09468535
Application Number:	09552578
Application Number:	09553389
Application Number:	09660740
Application Number:	09698329
Application Number:	09702955
Application Number:	09703005
Application Number:	09703246
Application Number:	09707653
Application Number:	09745629
Application Number:	09745652
Application Number:	09745779
Application Number:	09745891
Application Number:	09746419
Application Number:	09746866

PATENT

<b>Property Type</b>	<b>Number</b>
Application Number:	09747080
Application Number:	09747085
Application Number:	09748518
Application Number:	09764698
Application Number:	10003672
Application Number:	10003851
Application Number:	10004299
Application Number:	10004300
Application Number:	10004463
Application Number:	10004493
Application Number:	10082064
Application Number:	10246011
Application Number:	10246150
Application Number:	10322941
Application Number:	10322990
Application Number:	10350542
Application Number:	10354256
Application Number:	10366087
Application Number:	10405689
Application Number:	10426455
Application Number:	10427145
Application Number:	10655246
Application Number:	10658006
Application Number:	10658008
Application Number:	10771553
Application Number:	10814207
Application Number:	10853943
Application Number:	11421678
Application Number:	11754623
Application Number:	11843458
Application Number:	12053051
Application Number:	12632027
Application Number:	12960037
Application Number:	13100383
Application Number:	13212259
Application Number:	13420848
Application Number:	13561358
Application Number:	13563991
Application Number:	13864606

**PATENT**

Property Type	Number
Application Number:	60387829
PCT Number:	US2013028175
PCT Number:	US2014033593
PCT Number:	US2000025029
PCT Number:	US2003004228
PCT Number:	US2002032993

**CORRESPONDENCE DATA**

Fax Number: (212)931-8521  
*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: 2125098870  
Email: info@byrnepoh.com  
Correspondent Name: MATTHEW BYRNE  
Address Line 1: 11 BROADWAY, STE 1115  
Address Line 4: NEW YORK, NEW YORK 10004

ATTORNEY DOCKET NUMBER:	0705061.121
NAME OF SUBMITTER:	MATTHEW T. BYRNE
SIGNATURE:	/Matthew T Byrne/
DATE SIGNED:	07/30/2014

**Total Attachments: 22**

- source=0705061.121\_Advion to Gefus Patent Agreement\_AF#page1.tif
- source=0705061.121\_Advion to Gefus Patent Agreement\_AF#page2.tif
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THIS AGREEMENT IS SUBJECT TO THE TERMS OF THE FOLLOWING INTERCREDITOR AGREEMENTS: (1) AN INTERCREDITOR AGREEMENT DATED AS OF JUNE 17, 2014 BETWEEN TOMPKINS TRUST COMPANY AND GEFUS SBIC II, L.P., AND (2) AN INTERCREDITOR AGREEMENT DATED AS OF JUNE 17, 2014 BETWEEN GEFUS SBIC II, L.P. AND CEPHAS CAPITAL PARTNERS II, L.P., EACH ACKNOWLEDGED BY GRANTOR.

Patent Security Agreement

THIS PATENT SECURITY AGREEMENT ("Agreement") is made as of June 17, 2014 in favor of GEFUS SBIC II, L.P. ("Secured Party") by ADVION, INC. ("Grantor") a corporation formed under the laws of the State of Delaware with its chief executive office located at 10 Brown Road, Ithaca, NY 14850.

Grantor and Secured Party hereby agree as follows:

1. Definitions. Unless otherwise indicated in this Agreement, all terms used herein shall have the same meanings as given to them in the Investment Agreement (or, if not defined therein, the same meanings as given to them in the Security Agreement), and to the extent not inconsistent therewith, the same meanings as given to them in the Uniform Commercial Code of the State of New York (the "UCC") as amended from time to time. The following terms shall have the following meanings when used in this Agreement:

"Collateral" has the meaning set forth in Section 2.

"Investment Agreement" means the Investment Agreement between Secured Party and Grantor dated as of the date hereof, as the same may be modified, extended, or replaced from time to time.

"Liabilities" mean all indebtedness, liabilities, and obligations of every kind or nature, whether absolute or contingent, primary or secondary, direct or indirect, joint or several, and whether heretofore or hereafter created, arising, or existing or at any time due and owing from Grantor to Secured Party (including without limitation all sums expended by Secured Party for protection of its interests such as payments made for taxes, insurance, and expenses of collection).

"PTO" means the United States Patent and Trademark Office.

"Security Agreement" means the Security Agreement by Grantor in favor of Secured Party dated as of the date hereof, as the same may be modified, extended, or replaced from time to time.

2. Security Interest.

(a) Grant of Security Interest. As security for the payment and performance of the Liabilities, Grantor hereby grants to Secured Party a Lien and security interest in all of Grantor's right, title and interest in, to and under the following property, in each case whether

now or hereafter existing or arising or in which Grantor now has or hereafter owns, acquires or develops an interest and wherever located (collectively, the "Collateral");

(i) patents and patent applications, domestic or foreign, all licenses relating to any of the foregoing and all income and royalties with respect to any licenses (including such patents and patent applications as described in Schedule A), all rights to sue for past, present or future infringement thereof, all rights arising therefrom and pertaining thereto and all reissues, divisions, continuations, renewals, extensions and continuations-in-part thereof;

(ii) all general intangibles and all intangible intellectual or other similar property of Grantor of any kind or nature, associated with or arising out of any of the aforementioned properties and assets and not otherwise described above; and

(iii) all proceeds of any and all of the foregoing Collateral (including license royalties, rights to payment, accounts receivable and proceeds of infringement suits) and, to the extent not otherwise included, all payments under insurance (whether or not Secured Party is the loss payee thereof) or any indemnity, warranty or guaranty payable by reason of loss or damage to or otherwise with respect to the foregoing Collateral.

3. Continuing Security Interest. Grantor agrees that this Agreement shall create a continuing security interest in the Collateral which shall remain in effect until terminated in writing by the Secured Party. Secured Party agrees to provide such agreement to Grantor upon full and final payment and satisfaction of all Liabilities. This Agreement has been entered into in conjunction with the security interests granted to Secured Party pursuant to the Security Agreement. The rights and remedies of Secured Party with respect to the security interests granted herein are without prejudice to, and are in addition to those set forth in the Security Agreement and the Investment Agreement, all terms and provisions of which are incorporated herein by reference.

4. Representations and Warranties. Grantor represents and warrants to Secured Party that a true and correct list of all of the existing Collateral consisting of U.S. patents and patent applications or registrations owned by Grantor, in whole or in part, is set forth in Schedule A.

5. Further Acts. On a continuing basis, Grantor shall make, execute, acknowledge and deliver, and file and record in the proper filing and recording places, all such instruments and documents, and take all such action as may be requested by Secured Party to carry out the intent and purposes of this Agreement, or for assuring, confirming or protecting the grant or perfection of the security interest granted or purported to be granted hereby, to ensure Grantor's compliance with this Agreement or to enable Secured Party to exercise and enforce its rights and remedies hereunder with respect to the Collateral, including any documents for filing with the PTO or any applicable state office. Secured Party may record this Agreement, an abstract thereof, or any other document describing Secured Party's interest in the Collateral with the PTO, at the expense of Grantor. In addition, Grantor authorizes Secured Party to file financing statements describing the Collateral in any UCC filing office deemed appropriate by Secured Party. If Grantor shall at any time hold or acquire a commercial tort claim arising with respect to the Collateral, Grantor

shall immediately notify Secured Party in a writing signed by Grantor of the brief details thereof and grant to Secured Party in such writing a security interest therein and in the proceeds thereof, all upon the terms of this Agreement, with such writing to be in form and substance satisfactory to Secured Party.

6. Authorization to Supplement. If Grantor shall obtain rights to any new patentable inventions or become entitled to the benefit of any patent application or patent for any reissue, division, or continuation, of any patent, the provisions of this Agreement shall automatically apply thereto. Grantor shall give notice in writing to Secured Party with respect to any such new patent rights annually, and at any time upon Secured Party's request. Without limiting Grantor's obligations under this Section 6, Grantor authorizes Secured Party unilaterally to modify this Agreement by amending Schedule A to include any such new patent rights. Notwithstanding the foregoing, no failure to so modify this Agreement or amend Schedule A shall in any way affect, invalidate or detract from Secured Party's continuing security interest in all Collateral, whether or not listed on Schedule A.

7. Laws. The validity, construction, and performance of this Agreement shall be governed by the internal laws of the State of New York, without giving effect to any choice of law or conflict of law rules or provisions (whether of the State of New York or any other jurisdiction) that would cause the application of the laws of any jurisdiction other than the State of New York.

8. Entire Agreement; Amendment. This Agreement, the Security Agreement and the Investment Agreement, together with the Schedules hereto and thereto, contain the entire agreement of the parties with respect to the subject matter hereof and thereof and supersede all prior drafts and communications relating to such subject matter. Neither this Agreement nor any provision hereof may be modified, amended or waived except by the written agreement of the parties, as provided in the Investment Agreement. Notwithstanding the foregoing, Secured Party unilaterally may re-execute this Agreement or modify, amend or supplement Schedule A hereto as provided in Section 6 hereof. If any provision hereof expressly conflicts with any specific provision of the Investment Agreement or the Security Agreement, the terms of the Investment Agreement or the Security Agreement, as the case may be, shall be controlling.

9. Counterparts. This Agreement may be executed in any number of counterparts and by different parties hereto in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute but one and the same agreement. Delivery of an executed counterpart of this Agreement by facsimile shall be equally as effective as delivery of a manually executed counterpart. Any party hereto delivering a counterpart of this Agreement by facsimile shall also deliver a manually executed counterpart, but the failure to so deliver a manually executed counterpart shall not affect the validity, enforceability, or binding effect hereof.

10. Default. The occurrence of any Event of Default under the Investment Agreement shall be an "Event of Default" under this Agreement.

11. Continuing Agreement; Termination. This is a continuing Agreement, and no notice of the creation or existence of the Liabilities, renewal, extension or modification thereof

need be given to Grantor. This Agreement will terminate only at such time as the Liabilities have been finally and irrevocably satisfied in full.

12. Notices. All notices and other communications hereunder shall be in writing and shall be mailed, sent or delivered in accordance with the Investment Agreement.

13. No Waiver. Grantor agrees that no representation, promise, or agreement made by Secured Party or by any officer or employee of Secured Party, at, prior, or subsequent to the execution and delivery of this Agreement shall modify, alter, limit, or otherwise abridge the rights and remedies of Secured Party hereunder unless agreed by Secured Party in writing. None of the rights and remedies of Secured Party hereunder shall be modified, altered, limited, or otherwise abridged or waived by any representation, promise, or agreement hereafter made or by any course of conduct hereafter pursued by Secured Party. No delay or omission on the part of the Secured Party in exercising any right hereunder shall operate as a waiver of such right or of any other right under this Agreement, and waiver of any right shall not be deemed waiver of any other right unless expressly agreed by Secured Party in writing.

14. Parties in Interest. All of the terms and provisions of this Agreement shall inure to the benefit of, be binding upon and be enforceable by the respective heirs, executors, legal representatives, successors, and assigns of the parties hereto.

15. Severability. Any partial invalidity of the provisions of this Agreement shall not invalidate the remaining portions hereof or thereof.

16. Miscellaneous. Grantor hereby expressly waives demand, presentment, protest, or notice of dishonor on any and all of the Liabilities and with respect to the Collateral.

[signature page follows]

IN WITNESS WHEREOF, the parties hereto have duly executed this Patent Security Agreement as of the date first above written.

Grantor:  
ADVION, INC.

By: 

Name: Joseph M. Kuch

Title: Treasurer

Secured Party:

GEFUS SBIC II, L.P.

By: Gef SBIC II, LLC, its General Partner,

By: \_\_\_\_\_

William J. Beckett, Member

Signature Page to Patent Security Agreement by Advion, Inc. in favor of Gefus SBIC II, L.P.

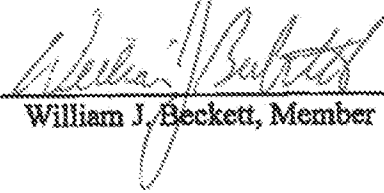


IN WITNESS WHEREOF, the parties hereto have duly executed this Patent Security Agreement as of the date first above written.

Grantor:  
ADVION, INC.

By: \_\_\_\_\_  
Name:  
Title:

Secured Party:  
GEFUS SBIC II, L.P.  
By: Gef SBIC II, LLC, its General Partner,

By:   
\_\_\_\_\_  
William J. Beckett, Member

SCHEDULE A  
To the Patent Security Agreement  
Grantor: Advion, Inc.

A. Solely and Jointly Owned Patents and Patent Applications of Advion

I. U.S. Patents solely owned by Advion:

Ref	Title	Filing Date	Serial/App. No.	Country	Patent Number
200701/001008	INTEGRATED MONOLITHIC MICROFABRICATED DISPENSING NOZZLE AND LIQUID CHROMATOGRAPHY-ELECTROSPRAY SYSTEM AND METHOD	04/30/03	10/427,145	United States	6787766
200701/001011	HIGH-THROUGHPUT PARALLEL LIQUID CHROMATOGRAPHY SYSTEM	04/20/00	09/553,389	United States	6318157
200701/001041	MULTIPLE ELECTROSPRAY DEVICE, SYSTEMS AND METHODS	12/22/00	09/748,518	United States	6627882
200701/001048	MULTIPLE ELECTROSPRAY DEVICE, SYSTEMS AND METHODS	01/23/03	10/350,542	United States	6723985
200701/001051	SEPARATION MEDIA, MULTIPLE ELECTROSPRAY NOZZLE SYSTEM AND METHOD	01/18/01	09/764,698	United States	6,596,988
200701/001055	SEPARATION MEDIA, MULTIPLE ELECTROSPRAY NOZZLE SYSTEM AND METHOD	04/01/03	10/405,689	United States	6,956,207
200701/001075	SURFACE MODIFICATION OF A POROUS POLYMER MONOLITH AND PRODUCTS THEREFROM	01/29/03	10/354,256	United States	6821418
200701/001126	A MICROCHIP ELECTROSPRAY DEVICE AND COLUMN WITH AFFINITY ADSORBENTS AND USE OF THE SAME	09/09/03	10/658,006	United States	6811689
200701/001127	A MICROCHIP ELECTROSPRAY DEVICE AND COLUMN WITH AFFINITY ADSORBENTS AND USE OF THE SAME	09/09/03	10/658,008	United States	6814870

200701/001151	FABRICATION OF A MICROCHIP-BASED ELECTROSPRAY DEVICE	09/17/02	10/246,011	United States	6750076
200701/001153	FABRICATION OF A MICROCHIP-BASED ELECTROSPRAY DEVICE	05/26/04	10/853,943	United States	6852560
200701/001161	DIELECTRIC FILM	09/17/02	10/246,150	United States	6891155
22347-002001	Liquid Chromatography-Mass Spectrometry	03/21/08	12/053,051	United States	7,797,988 B2
22347-004001	Evaporator and Concentrator in Reactor and Loading System	05/29/07	11/754,623	United States	7,998,418 B2
22347-0006001	Modular and Reconfigurable Multi-stage Microreactor Cartridge Apparatus	06/01/06	11/421,678	United States	7,641,860 B2
22347-0006002	Modular and Reconfigurable Multi-stage Microreactor Cartridge Apparatus	12/07/09	12/632,027	United States	7,790,124 B2
22347-007001	Modular and Reconfigurable Multi-stage High temperature Microreactor Cartridge Apparatus and System for Using Same	08/22/07	11/843,458	United States	7,854,902 B2
22347-0021001	Mechanical Holder for Surface Analysis	05/4/2011	13/100,383	United States	8,294,087

2. U.S. patent applications solely owned by Advion (except as noted):

Ref	Title	Filing Date	Serial/App. No.	Country	Patent Number
22347-0016001	SOLID PHASE EXTRACTION (SPE) TIOS AND METHODS OF USE	12/3/2010	12/960,037	United States	
22347-0020001 (jointly owned with Scientific Analysis Instruments Ltd.)	Atmospheric Pressure Ionization Inlet for Mass Spectrometers	08/18/2011	13/212,259	United States	8373118
FR 22347-0020002 (jointly owned with Scientific Analysis Instruments Ltd.)	Atmospheric Pressure Ionization Inlet for Mass Spectrometers	8/1/2013	13/563,991	United States	8,487,247

FR-22347-0025001	SIGNAL PROCESSING FOR MASS DIRECTED FRACTION COLLECTION	4/17/2013	13/864,606	United States	pending, declined, awaiting Advion response by July 17th 2014
22347-0021002	Mechanical Holder for Surface Analysis	7/30/12	13/561,358	United States	Pending
26099-0008001	Device for Material Purification	03/15/12	13/420,848	United States	Pending

3. Non-U.S. patents solely owned by Advion:

Ref	Title	Filing Date	Serial/App. No.	Country	Patent Number
200701/001043	MULTIPLE ELECTROSPRAY DEVICE, SYSTEMS AND METHODS	12/22/00	2001-550779	Japan	5,057,318
200701/001045	MULTIPLE ELECTROSPRAY DEVICE, SYSTEMS AND METHODS	12/22/00	IN/PCT/2002/01001	India	234338
200701/001046	MULTIPLE ELECTROSPRAY DEVICE, SYSTEMS AND METHODS	12/22/00	2,395,694	Canada	2395694
200701/001047	MULTIPLE ELECTROSPRAY DEVICE, SYSTEMS AND METHODS	12/22/00	00988285.3	European Patent Convention-Switzerland, France, Germany and UK	EP126518
200701/001125	A MICROCHIP ELECTROSPRAY DEVICE AND COLUMN WITH AFFINITY ADSORBENTS AND USE OF THE SAME	02/19/02	02717446.5	European Patent Convention	EP1363714
200701/001164	DIELECTRIC FILM	09/17/02	02766293.1	European Patent Convention-Switzerland, France, Germany and UK	EP1442476
48900-01060	Integrated Monolithic Microfabricated Electrospray and Liquid Chromatography, System and Method	9/17/98 (Priority)	569,901/2000	Japan	4,274,399
48900-01071b	Integrated Monolithic Microfabricated Electrospray and Liquid Chromatography, System and Method	12/13/2004	04109844.5	Hong Kong	HK1066863
48900-01073b	Integrated Monolithic Microfabricated Electrospray and Liquid Chromatography, System and Method	5/7/2008	04109751.6	Hong Kong	HK1066859

48900-01074b	Integrated Monolithic Microfabricated Electropray and Liquid Chromatography, System and Method	9/17/1998	07102903.5	Hong Kong	HK1095781
48900-01076	Integrated Monolithic Microfabricated Electropray and Liquid Chromatography, System and Method	12/9/2004	07111306.9	Hong Kong	HK1105910
48900-01130	Interated Monolithic Microfabricated Dispensing Nozzle and Liquid Chromatography-Electropray System and Method	2/29/2000	2,363,414	Canada	CA 2,363,414
26099-0006002WO1 (22347-0006002WO1)	Modular and Reconfigurable Multi-stage Mircroreactor Cartridge Apparatus	6/1/2007	PCT/US2007/07 021806	WIPO	national phase entered
26099-0006WO1	Device for Material Purification	2/28/2013	PCT/US2013/02 8175	WIPO	Pending, National phase entered
FR-22347-0025001	SIGNAL PROCESSING FOR MASS DIRECTED FRACTION COLLECTION	4/10/2014	PCT/US2014/03 3593	WIPO	Pending
FR 22347-0020JP1(jointly owned with Scientific Analysis Instruments Ltd.)	Atmospheric Pressure Ionization Inlet for Mass Spectrometers	8/18/2011	2013-534904	Japan	Request for exam due 08/14/13
FR 22347-0020EP1(jointly owned with Scientific Analysis Instruments Ltd.)	Atmospheric Pressure Ionization Inlet for Mass Spectrometers	8/18/2011	11748857.7	Europe	awaiting examination

FR 22347-0020CN1(jointly owned with Scientific Analysis Instruments Ltd.)	Atmospheric Pressure Ionization Inlet for Mass Spectrometers	8/18/2011	2.0118E+11	China	awaiting examination
FR 22347-0020WO1(jointly owned with Scientific Analysis Instruments Ltd.)	Atmospheric Pressure Ionization Inlet for Mass Spectrometers	8/18/2011	PCT/US2011/04818	WIPO	national phase entered

4. Non-U.S. patents applications solely owned by Advion:

Ref	Title	Filing Date	Serial/App. No.	Country	Patent Number
200701/001054	SEPARATION MEDIA, MULTIPLE ELECTROSPRAY NOZZLE SYSTEM AND METHOD	01/18/01	1942714.5	European Patent Convention	Pending
22347-0006002CA1	Modular and Reconfigurable Multi-stage Microreactor Cartridge Apparatus	06/01/07	2652054	Canada	Pending
22347-0006002EP1	Modular and Reconfigurable Multi-stage Microreactor Cartridge Apparatus	06/01/07	07798013.4	European Patent Convention	Pending
48900-01040	Integrated Monolithic Microfabricated Electrospray and Liquid Chromatography, System and Method	3/7/2001	2,343,055	Canada	Pending

2. Advion jointly owns with Rheonix, Inc., formerly Kionix, Inc. ("Kionix") the following patents and patent applications:

Ref	Title	Filing Date	Serial No.	Country
KNX-5	Integrated Monolithic Microfabricated Electrospray and Liquid Chromatography System and Method	9/17/98	09/156,037, issued as U.S. 6,245,227 B1 on 6/12/01	US

Ref	Title	Filing Date	Serial No.	Country
KNX-5 DV1	Integrated Monolithic Microfabricated Electrospray and Liquid Chromatography System and Method	12/21/00	09/746,866, issued as U.S. 6,461,516 B2 on 10/8/02	US
KNX-5 DV2	Integrated Monolithic Microfabricated Electrospray and Liquid Chromatography System and Method	12/21/00	09/745,652	US
KNX-5 DV3	Integrated Monolithic Microfabricated Electrospray and Liquid Chromatography System and Method	12/21/00	09/745,891, issued as U.S. 6,454,938 B2 on 9/24/02	US
KNX-5 DV4	Integrated Monolithic Microfabricated Electrospray and Liquid Chromatography System and Method	12/21/00	09/745,779, issued as U.S. 6,432,311 B2 on 8/13/02	US
KNX-5 DV5	Integrated Monolithic Microfabricated Electrospray and Liquid Chromatography System and Method	12/21/00	09/746,419, issued as 6,394,942 B2 on 5/28/02	US
KNX-5 DV6	Integrated Monolithic Microfabricated Electrospray and Liquid Chromatography System and Method	12/21/00	09/747,085, issued as U.S. 6,417,510 B2 on 7/9/02	US
KNX-5 DV8	Integrated Monolithic Microfabricated Electrospray and Liquid Chromatography System and Method	12/21/00	09/747,080 issued as U.S. 6,464,866 B2 on 10/15/02	US
KNX-5 DV9	Integrated Monolithic Microfabricated Electrospray and Liquid Chromatography System and Method	12/21/00	09/745,629	US

I. Matter Number	Serial No.	Filing Date	Status
48900-01011 divisional	09/698329	10/27/00	Issued as US Patent 6,790,354 B1 on 9/14/04
48900-01012 Divisional	09/703246	10/31/00	Issued as US Patent 6,563,111 on 5/13/03
48900-01014 Divisional	09/702955	10/31/00	Issued as US Patent 6,780,313 on 8/24/04
48900-01015 Divisional	09/703055	10/31/00	Issued as US Patent 6,569,324 on 5/27/03
48900-01016 Divisional	09/707653	11/07/00	Issued as US Patent 6,579,452 on 6/17/03

48900-01018 Continuation of 01011	10/771,553	2/4/04	Issued as US Patent 6,855,251 on 2/15/05
48900-01020 Continuation of 01018	10/814207	3/31/04	To issue as US Patent 6,858,842 on 2/22/2005
48900-01101	09/468535	12/20/99	Issued as US Patent No. 6,633,031 on 10/14/03
48900-01102 Divisional	10/655246	9/4/03	Issued as US Patent 6,822,231 B2 on 11/23/04
48900-01103 Divisional	10/426455	4/30/03	Issued as US Patent 6,768,107 B2 on 7/24/04
48900-01070	99811024.8	03/16/01	China -- patent issued 10/15/03
48900-01071	03103110.2	01/28/03	China -- divisional 1 -- awaiting examination
48900-01072	03103111.0	01/28/03	China -- divisional 2 -- awaiting examination
48900-01073	03103112.9	01/28/03	China -- divisional 3 -- awaiting examination
48900-01072b	4109843.6		Hong Kong

Almost all of the patent rights set forth in this Section A are subject to licenses to Rheonix set forth in the License Agreement entered into by Advion BioSciences, Inc. and Kionix on October 17, 2003 and assigned to Advion by Advion BioSciences, Inc. (the "Kionix License Agreement"). This Kionix License Agreement was transferred to Rheonix from Kionix based on a Consent and Release Agreement dated November 24, 2008.

**B. Patents and Patent Applications Licensed by Advion.**

Advion pays royalties under a nonexclusive license of the technology covered by patent # 5,872,010 (Microscale Fluid Handling System) owned by Northeastern University.

The following patents and patent applications are licensed to Advion by Rheonix pursuant to the Kionix License Agreement which was transferred to Rheonix from Kionix based on the Consent and Release Agreement dated November 24, 2008:

<b>Kionix Ref</b>	<b>Title</b>	<b>Filing Date</b>	<b>Serial No.</b>	<b>Country</b>
KNX-9	Electrically Decoupled Silicon Gyroscope	9/17/99	09/660,740	US
KNX-9 PCT	Electrically Decoupled Silicon Gyroscope	9/13/00	PCT/US00/25029	PCT
KNX-9 EPO	Electrically Decoupled Silicon Gyroscope	3/14/02	00960094.1	EP
KNX-9 JPN	Electrically Decoupled Silicon Gyroscope	3/15/02	2001-523598; 502093852	JP
1153-010	Improved Methods of Fabricating Microelectromechanical and Microfluidic Devices	6/16/99	09/334,408, issued as 6,444,138 on 9/3/2002	US



<b>Kionix Ref</b>	<b>Title</b>	<b>Filing Date</b>	<b>Serial No.</b>	<b>Country</b>
1153-010 DIV1	Method for Fabricating MEMS and Microfluidic Devices Using Latent Masking Technique	11/2/01	10/004,463	US
1153-010 DIV2	Methods of Fabricating Microelectromechanical and Microfluidic Devices	11/2/01	10/003,851	US
1153-010 DIV3	Method for Fabricating MEMS and Microfluidic Devices Using Delayed LOCOS Technique	11/2/01	10/003,672 issued as U.S. 6,464,892 on 12/5/02	US
1153-010 DIV4	Method for Fabricating Integrated LC/ESI Device Using SMILE, Latent Masking, and Delayed LOCOS Techniques	11/2/01	10/004,493	US
1153-010 DIV5	Method for Fabricating ESI Device Using SMILE and Delayed LOCOS Techniques	11/2/01	10/004,300	US
1153-010 DIV6	Method for Fabricating LC Device Using Latent Masking and Delayed LOCOS Techniques	11/2/01	10/004,299	US
1153-002 NP	Fabrication of Ultra-Shallow Channels for Microfluidic Devices and Systems	2/12/03	10/366,087	US
1153-002 PCT	Fabrication of Ultra-Shallow Channels for Microfluidic Devices and Systems	2/12/03	PCT/US03/04228	PCT
1153-004 PRO	Method and Apparatus for Diffusive Transfer Between Immiscible Fluids	6/20/02	60/387,829	US
1153-006 NP	Push/Pull Actuator for Microstructures	12/18/02	10/322,941	US
1153-007 NP	Insulating Micro-Structure and Method of Manufacturing Same	12/18/02	10/322,990	US
32480/3	Accelerometer	10/19/01	10/082,064	US
32480/3 WO	Accelerometer	10/16/02	PCT/US02/32993	PCT
D-1438B GALVIN-2	Microelectromechanical Accelerometer for Automotive Applications	12/7/95	09/568,845 issued as U.S. 6,199,874 on 3/13/01	US

<b>Kionix Ref</b>	<b>Title</b>	<b>Filing Date</b>	<b>Serial No.</b>	<b>Country</b>
D-1438B Canada	Microelectromechanical Accelerometer for Automotive Applications	3/17/98	2,232,409	CA
D-1438C	Micromechanical Accelerometer for Automotive Applications	4/19/00	09/568,845 issued as U.S. 6,170,332 on 1/9/01	US
D-1438D	Micromechanical Accelerometer for Automotive Applications	4/3/98	09/030641, issued as U.S. 6,149,190 on 11/21/00	US

The terms of such licenses are as set forth in the applicable license agreements.



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JULY 9, 2014

PTAS

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RECORDATION DATE: 06/25/2014

REEL/FRAME: 033265/0488  
NUMBER OF PAGES: 18

BRIEF: SECURITY INTEREST

DOCKET NUMBER: 0705061.121

ASSIGNOR:  
ADVION, INC.

DOC DATE: 06/17/2014

ASSIGNEE:  
GEFUS SBIC II, L.P.  
11 SCHOEN PLACE, 8TH FLOOR  
PITTSFORD, NEW YORK 14534

APPLICATION NUMBER: 08568845 FILING DATE: 12/07/1995  
PATENT NUMBER: 6199874 ISSUE DATE: 03/13/2001  
TITLE: MICROMECHANICAL ACCELEROMETER FOR AUTOMOTIVE APPLICATIONS

APPLICATION NUMBER: 09030641 FILING DATE: 04/03/1998  
PATENT NUMBER: 6149190 ISSUE DATE: 11/21/2000  
TITLE: MICROMECHANICAL ACCELEROMETER FOR AUTOMOTIVE APPLICATIONS

APPLICATION NUMBER: 09156037 FILING DATE: 09/17/1998  
PATENT NUMBER: 6245227 ISSUE DATE: 06/12/2001  
TITLE: INTEGRATED MONOLITHIC MICROFABRICATED ELECTROSPRAY AND LIQUID CHROMATOGRAPHY SYSTEM AND METHOD

APPLICATION NUMBER: 09334408 FILING DATE: 06/16/1999  
PATENT NUMBER: 6444138 ISSUE DATE: 09/03/2002  
TITLE: METHOD OF FABRICATING MICROELECTROMECHANICAL AND MICROFLUIDIC  
DEVICES

APPLICATION NUMBER: 09468535 FILING DATE: 12/20/1999  
PATENT NUMBER: 6633031 ISSUE DATE: 10/14/2003  
TITLE: INTEGRATED MONOLITHIC MICROFABRICATED DISPENSING NOZZLE AND  
LIQUID CHROMATOGRAPHY-ELECTROSPRAY SYSTEM AND METHOD

APPLICATION NUMBER: 09552578 FILING DATE: 04/19/2000  
PATENT NUMBER: 6170332 ISSUE DATE: 01/09/2001  
TITLE: MICROMECHANICAL ACCELEROMETER FOR AUTOMOTIVE APPLICATIONS

APPLICATION NUMBER: 09553389 FILING DATE: 04/20/2000  
PATENT NUMBER: 6318157 ISSUE DATE: 11/20/2001  
TITLE: HIGH-THROUGHPUT PARALLEL LIQUID CHROMATOGRAPHY SYSTEM

APPLICATION NUMBER: 09660740 FILING DATE: 09/13/2000  
PATENT NUMBER: 6626039 ISSUE DATE: 09/30/2003  
TITLE: ELECTRICALLY DECOUPLED SILICON GYROSCOPE

APPLICATION NUMBER: 09698329 FILING DATE: 10/27/2000  
PATENT NUMBER: 6790354 ISSUE DATE: 09/14/2004  
TITLE: INTEGRATED MONOLITHIC MICROFABRICATED ELECTROSPRAY AND LIQUID  
CHROMATOGRAPHY SYSTEM AND METHOD

APPLICATION NUMBER: 09702955 FILING DATE: 10/31/2000  
PATENT NUMBER: 6780313 ISSUE DATE: 08/24/2004  
TITLE: INTEGRATED MONOLITHIC MICROFABRICATED ELECTROSPRAY AND LIQUID  
CHROMATOGRAPHY SYSTEM AND METHOD

APPLICATION NUMBER: 09703005 FILING DATE: 10/31/2000  
PATENT NUMBER: 6569324 ISSUE DATE: 05/27/2003  
TITLE: INTEGRATED MONOLITHIC MICROFABRICATED ELECTROSPRAY AND LIQUID  
CHROMATOGRAPHY SYSTEM AND METHOD

APPLICATION NUMBER: 09703246 FILING DATE: 10/31/2000  
PATENT NUMBER: 6563111 ISSUE DATE: 05/13/2003  
TITLE: INTEGRATED MONOLITHIC MICROFABRICATED ELECTROSPRAY AND LIQUID  
CHROMATOGRAPHY SYSTEM AND METHOD

APPLICATION NUMBER: 09707653 FILING DATE: 11/07/2000  
PATENT NUMBER: 6579452 ISSUE DATE: 06/17/2003  
TITLE: INTEGRATED MONOLITHIC MICROFABRICATED ELECTROSPRAY AND LIQUID  
CHROMATOGRAPHY SYSTEM AND METHOD

APPLICATION NUMBER: 09745629 FILING DATE: 12/21/2000  
PATENT NUMBER: 6800202 ISSUE DATE: 10/05/2004  
TITLE: INTEGRATED MONOLITHIC MICROFABRICATED ELECTROSPRAY AND LIQUID  
CHROMATOGRAPHY SYSTEM AND METHOD

APPLICATION NUMBER: 09745652 FILING DATE: 12/21/2000  
PATENT NUMBER: 6800198 ISSUE DATE: 10/05/2004  
TITLE: INTEGRATED MONOLITHIC MICROFABRICATED ELECTROSPRAY AND LIQUID  
CHROMATOGRAPHY SYSTEM AND METHOD

APPLICATION NUMBER: 09745779 FILING DATE: 12/21/2000  
PATENT NUMBER: 6432311 ISSUE DATE: 08/13/2002  
TITLE: INTEGRATED MONOLITHIC MICROFABRICATED ELECTROSPRAY AND LIQUID  
CHROMATOGRAPHY SYSTEM AND METHOD

APPLICATION NUMBER: 09745891 FILING DATE: 12/21/2000  
PATENT NUMBER: 6454938 ISSUE DATE: 09/24/2002  
TITLE: INTEGRATED MONOLITHIC MICROFABRICATED ELECTROSPRAY AND LIQUID  
CHROMATOGRAPHY SYSTEM AND METHOD

APPLICATION NUMBER: 09746419 FILING DATE: 12/21/2000  
PATENT NUMBER: 6394942 ISSUE DATE: 05/28/2002  
TITLE: INTEGRATED MONOLITHIC MICROFABRICATED ELECTROSPRAY AND LIQUID  
CHROMATOGRAPHY SYSTEM AND METHOD

APPLICATION NUMBER: 09746866 FILING DATE: 12/21/2000  
PATENT NUMBER: 6461516 ISSUE DATE: 10/08/2002  
TITLE: INTEGRATED MONOLITHIC MICROFABRICATED ELECTROSPRAY AND LIQUID  
CHROMATOGRAPHY SYSTEM AND METHOD

APPLICATION NUMBER: 09747080 FILING DATE: 12/21/2000  
PATENT NUMBER: 6464866 ISSUE DATE: 10/15/2002  
TITLE: INTEGRATED MONOLITHIC MICROFABRICATED ELECTROSPRAY AND LIQUID  
CHROMATOGRAPHY SYSTEM AND METHOD

APPLICATION NUMBER: 09747085 FILING DATE: 12/21/2000  
PATENT NUMBER: 6417510 ISSUE DATE: 07/09/2002  
TITLE: INTEGRATED MONOLITHIC MICROFABRICATED ELECTROSPRAY AND LIQUID  
CHROMATOGRAPHY SYSTEM AND METHOD

APPLICATION NUMBER: 09748518 FILING DATE: 12/22/2000  
PATENT NUMBER: 6627882 ISSUE DATE: 09/30/2003  
TITLE: MULTIPLE ELECTROSPRAY DEVICE, SYSTEMS AND METHODS

APPLICATION NUMBER: 09764698 FILING DATE: 01/18/2001  
PATENT NUMBER: 6596988 ISSUE DATE: 07/22/2003  
TITLE: SEPARATION MEDIA, MULTIPLE ELECTROSPRAY NOZZLE SYSTEM AND METHOD

APPLICATION NUMBER: 10003672 FILING DATE: 11/02/2001  
PATENT NUMBER: 6464892 ISSUE DATE: 10/15/2002  
TITLE: METHODS OF FABRICATING MICROELECTROMECHANICAL AND MICROFLUIDIC  
DEVICES

APPLICATION NUMBER: 10003851 FILING DATE: 11/02/2001  
PATENT NUMBER: 6824697 ISSUE DATE: 11/30/2004  
TITLE: METHODS OF FABRICATING MICROELECTROMECHANICAL AND MICROFLUIDIC  
DEVICES

APPLICATION NUMBER: 10004299 FILING DATE: 11/02/2001  
PATENT NUMBER: 6702950 ISSUE DATE: 03/09/2004  
TITLE: METHOD FOR FABRICATING LC DEVICE USING LATENT MASKING AND  
DELAYED LOCOS TECHNIQUES

APPLICATION NUMBER: 10004300 FILING DATE: 11/02/2001  
PATENT NUMBER: 6706200 ISSUE DATE: 03/16/2004  
TITLE: METHODS FOR FABRICATING ESI DEVICE USING SMILE AND DELAYED LOCOS  
TECHNIQUES

APPLICATION NUMBER: 10004463 FILING DATE: 11/02/2001  
PATENT NUMBER: 6780336 ISSUE DATE: 08/24/2004  
TITLE: METHODS OF FABRICATING MEMS AND MICROFLUIDIC DEVICES USING  
LATENT MASKING TECHNIQUE

APPLICATION NUMBER: 10004493 FILING DATE: 11/02/2001  
PATENT NUMBER: 6673253 ISSUE DATE: 01/06/2004  
TITLE: METHOD FOR FABRICATING INTEGRATED LC/ESI DEVICE USING SMILE,  
LATENT MASKING, AND DELAYED LOCOS TECHNIQUES

APPLICATION NUMBER: 10082064 FILING DATE: 10/19/2001  
PATENT NUMBER: 6792804 ISSUE DATE: 09/21/2004  
TITLE: SENSOR FOR MEASURING OUT-OF-PLANE ACCELERATION

APPLICATION NUMBER: 10246011 FILING DATE: 09/17/2002  
PATENT NUMBER: 6750076 ISSUE DATE: 06/15/2004  
TITLE: FABRICATION OF A MICROCHIP-BASED ELECTROSPRAY DEVICE

APPLICATION NUMBER: 10246150 FILING DATE: 09/17/2002  
PATENT NUMBER: 6891155 ISSUE DATE: 05/10/2005  
TITLE: DIELECTRIC FILM

APPLICATION NUMBER: 10322941 FILING DATE: 12/18/2002  
PATENT NUMBER: 7026899 ISSUE DATE: 04/11/2006  
TITLE: PUSH/PULL ACTUATOR FOR MICROSTRUCTURES

APPLICATION NUMBER: 10322990 FILING DATE: 12/18/2002  
PATENT NUMBER: 6797589 ISSUE DATE: 09/28/2004  
TITLE: INSULATING MICRO-STRUCTURE AND METHOD OF MANUFACTURING SAME

APPLICATION NUMBER: 10350542 FILING DATE: 01/23/2003  
PATENT NUMBER: 6723985 ISSUE DATE: 04/20/2004  
TITLE: MULTIPLE ELECTROSPRAY DEVICE, SYSTEMS AND METHODS

APPLICATION NUMBER: 10354256 FILING DATE: 01/29/2003  
PATENT NUMBER: 6821418 ISSUE DATE: 11/23/2004  
TITLE: SURFACE MODIFICATION OF A POROUS POLYMER MONOLITH AND PRODUCTS  
THEREFROM

APPLICATION NUMBER: 10366087 FILING DATE: 02/12/2003  
PATENT NUMBER: 7171975 ISSUE DATE: 02/06/2007  
TITLE: FABRICATION OF ULTRA-SHALLOW CHANNELS FOR MICROFLUIDIC DEVICES  
AND SYSTEMS

APPLICATION NUMBER: 10405689 FILING DATE: 04/01/2003  
PATENT NUMBER: 6956207 ISSUE DATE: 10/18/2005  
TITLE: SEPARATION MEDIA, MULTIPLE ELECTROSPRAY NOZZLE SYSTEM AND METHOD

APPLICATION NUMBER: 10426455 FILING DATE: 04/30/2003  
PATENT NUMBER: 6768107 ISSUE DATE: 07/27/2004  
TITLE: INTEGRATED MONOLITHIC MICROFABRICATED DISPENSING NOZZLE AND  
LIQUID CHROMATOGRAPHY-ELECTROSPRAY SYSTEM AND METHOD

APPLICATION NUMBER: 10427145 FILING DATE: 04/30/2003  
PATENT NUMBER: 6787766 ISSUE DATE: 09/07/2004  
TITLE: INTEGRATED MONOLITHIC MICROFABRICATED DISPENSING NOZZLE AND  
LIQUID CHROMATOGRAPHY-ELECTROSPRAY SYSTEM AND METHOD

APPLICATION NUMBER: 10655246 FILING DATE: 09/04/2003  
PATENT NUMBER: 6822231 ISSUE DATE: 11/23/2004  
TITLE: INTEGRATED MONOLITHIC MICROFABRICATED DISPENSING NOZZLE AND  
LIQUID CHROMATOGRAPHY-ELECTROSPRAY SYSTEM AND METHOD

APPLICATION NUMBER: 10658006 FILING DATE: 09/09/2003  
PATENT NUMBER: 6811689 ISSUE DATE: 11/02/2004  
TITLE: MICROCHIP ELECTROSPRAY DEVICE AND COLUMN WITH AFFINITY  
ADSORBENTS AND USE OF THE SAME

APPLICATION NUMBER: 10658008 FILING DATE: 09/09/2003  
PATENT NUMBER: 6814870 ISSUE DATE: 11/09/2004  
TITLE: MICROCHIP ELECTROSPRAY DEVICE AND COLUMN WITH AFFINITY  
ADSORBENTS AND USE OF THE SAME

APPLICATION NUMBER: 10771553 FILING DATE: 02/04/2004  
PATENT NUMBER: 6855251 ISSUE DATE: 02/15/2005  
TITLE: MICROFABRICATED ELECTROSPRAY DEVICE

APPLICATION NUMBER: 10814207 FILING DATE: 03/31/2004  
PATENT NUMBER: 6858842 ISSUE DATE: 02/22/2005  
TITLE: ELECTROSPRAY NOZZLE AND MONOLITHIC SUBSTRATE

APPLICATION NUMBER: 10853943 FILING DATE: 05/26/2004  
PATENT NUMBER: 6852560 ISSUE DATE: 02/08/2005  
TITLE: FABRICATION OF A MICROCHIP-BASED ELECTROSPRAY DEVICE

APPLICATION NUMBER: 11421678 FILING DATE: 06/01/2006  
PATENT NUMBER: 7641860 ISSUE DATE: 01/05/2010  
TITLE: MODULAR AND RECONFIGURABLE MULTI-STAGE MICROREACTOR CARTRIDGE  
APPARATUS

APPLICATION NUMBER: 11754623 FILING DATE: 05/29/2007  
PATENT NUMBER: 7998418 ISSUE DATE: 08/16/2011  
TITLE: EVAPORATOR AND CONCENTRATOR IN REACTOR AND LOADING SYSTEM

APPLICATION NUMBER: 11843458 FILING DATE: 08/22/2007  
PATENT NUMBER: 7854902 ISSUE DATE: 12/21/2010  
TITLE: MODULAR AND RECONFIGURABLE MULTI-STAGE HIGH TEMPERATURE  
MICROREACTOR CARTRIDGE APPARATUS AND SYSTEM FOR USING SAME

APPLICATION NUMBER: 12053051 FILING DATE: 03/21/2008  
PATENT NUMBER: 7797988 ISSUE DATE: 09/21/2010  
TITLE: LIQUID CHROMATOGRAPHY-MASS SPECTROMETRY

APPLICATION NUMBER: 12632027 FILING DATE: 12/07/2009  
PATENT NUMBER: 7790124 ISSUE DATE: 09/07/2010  
TITLE: MODULAR AND RECONFIGURABLE MULTI-STAGE MICROREACTOR CARTRIDGE  
APPARATUS

APPLICATION NUMBER: 12960037 FILING DATE: 12/03/2010  
PATENT NUMBER: 8546752 ISSUE DATE: 10/01/2013  
TITLE: SOLID-PHASE EXTRACTION (SPE) TIPS AND METHODS OF USE

APPLICATION NUMBER: 13100383 FILING DATE: 05/04/2011  
PATENT NUMBER: 8294087 ISSUE DATE: 10/23/2012  
TITLE: MECHANICAL HOLDER FOR SURFACE ANALYSIS

APPLICATION NUMBER: 13212259 FILING DATE: 08/18/2011  
PATENT NUMBER: 8373118 ISSUE DATE: 02/12/2013  
TITLE: ATMOSPHERIC PRESSURE IONIZATION INLET FOR MASS SPECTROMETERS

APPLICATION NUMBER: 13420848 FILING DATE: 03/15/2012  
PATENT NUMBER: ISSUE DATE:  
TITLE: DEVICE FOR MATERIAL PURIFICATION

APPLICATION NUMBER: 13561358 FILING DATE: 07/30/2012  
PATENT NUMBER: 8445842 ISSUE DATE: 05/21/2013  
TITLE: MECHANICAL HOLDER FOR SURFACE ANALYSIS

APPLICATION NUMBER: 13563991 FILING DATE: 08/01/2012  
PATENT NUMBER: 8487247 ISSUE DATE: 07/16/2013  
TITLE: ATMOSPHERIC PRESSURE IONIZATION INLET FOR MASS SPECTROMETERS

APPLICATION NUMBER: 13864606 FILING DATE: 04/17/2013  
PATENT NUMBER: ISSUE DATE:  
TITLE: SIGNAL PROCESSING FOR MASS DIRECTED FRACTION COLLECTION

APPLICATION NUMBER: 60387829 FILING DATE: 06/11/2002  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD AND APPARATUS FOR DIFFUSIVE TRANSFER BETWEEN IMMISCIBLE  
FLUIDS

APPLICATION NUMBER: FILING DATE:  
PATENT NUMBER: ISSUE DATE:  
PCT NUMBER: US2013028175  
TITLE:

APPLICATION NUMBER: FILING DATE:  
PATENT NUMBER: ISSUE DATE:  
PCT NUMBER: US2014033593  
TITLE:

APPLICATION NUMBER: FILING DATE:  
PATENT NUMBER: ISSUE DATE:  
PCT NUMBER: US2000025029  
TITLE:

APPLICATION NUMBER: FILING DATE:  
PATENT NUMBER: ISSUE DATE:  
PCT NUMBER: US2003004228  
TITLE:

APPLICATION NUMBER: FILING DATE:  
PATENT NUMBER: ISSUE DATE:  
PCT NUMBER: US2002032993  
TITLE:

ASSIGNMENT RECORDATION BRANCH  
PUBLIC RECORDS DIVISION



## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT2912561

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST

**CONVEYING PARTY DATA**

Name	Execution Date
ADVION, INC.	06/17/2014

**RECEIVING PARTY DATA**

<b>Name:</b>	GEFUS SBIC II, L.P.
<b>Street Address:</b>	11 SCHOEN PLACE, 8TH FLOOR
<b>City:</b>	PITTSFORD
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	14534

**PROPERTY NUMBERS Total: 64**

Property Type	Number
Application Number:	10427145
Application Number:	09553389
Application Number:	09748518
Application Number:	10350542
Application Number:	09764698
Application Number:	10405689
Application Number:	10354256
Application Number:	10658006
Application Number:	10658008
Application Number:	10246011
Application Number:	10853943
Application Number:	10246150
Application Number:	12053051
Application Number:	11754623
Application Number:	11421678
Application Number:	12632027
Application Number:	11843458
Application Number:	13100383
Application Number:	12960037
Application Number:	13212259
Application Number:	13563991

PATENT