PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6389777

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ICAGEN, INC.	04/01/2020
ICAGEN CORP.	04/01/2020
XRPRO SCIENCES, INC.	04/01/2020
CALDERA DISCOVERY, INC.	04/01/2020

RECEIVING PARTY DATA

Name:	ADJACENT ACQUISITION CO., LLC
Street Address:	3911 SORRENTO VALLEY BOULEVARD
Internal Address:	SUITE 110
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121

PROPERTY NUMBERS Total: 2

Property Type	Number
PCT Number:	US2018051025
Application Number:	62558528

CORRESPONDENCE DATA

Fax Number: (949)760-9502

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: 949-760-0404
Email: efiling@knobbe.com
Correspondent Name: KNOBBE, MARTENS, OLSON & BEAR LLP
Address Line 1: 2040 MAIN STREET
Address Line 2: 14TH FLOOR
Address Line 4: IRVINE, CALIFORNIA 92614

ATTORNEY DOCKET NUMBER:	LIGAN11.012*
NAME OF SUBMITTER:	RYAN E. MELNICK
SIGNATURE:	/Ryan Melnick/
DATE SIGNED:	11/06/2020

Total Attachments: 19
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INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT

This Intellectual Property Assignment Agreement ("IP Assignment"), dated as of April 1, 2020, is made by and between Icagen, Inc., a Delaware corporation ("Parent"), Icagen Corp., a Nevada corporation, XRPro Sciences, Inc., a Delaware corporation, and Caldera Discovery, Inc., a Delaware corporation (each, a "Subsidiary", and the Subsidiaries, together with Parent, collectively referred to as "Assignor"), on the one hand, and Adjacent Acquisition Co., LLC, a Delaware limited liability company on the other hand ("Buyer"), the purchaser of certain assets of Assignor pursuant to that certain Asset Purchase Agreement, by and between Buyer and Assignor, dated as of even date herewith (the "Asset Purchase Agreement").

WHEREAS, under the terms of the Asset Purchase Agreement, Assignor has sold, conveyed, assigned, transferred and delivered to Buyer, among other assets, certain Intellectual Property Rights of Assignor, and has agreed to execute and deliver this IP Assignment, for recording with governmental authorities including, but not limited to, the US Patent and Trademark Office and the US Copyright Office.

NOW THEREFORE, the parties agree as follows:

1. Capitalized Terms. Capitalized terms not otherwise defined herein shall have the meanings ascribed to them in the Asset Purchase Agreement.

2. Assignment. In consideration for the execution of the Asset Purchase Agreement, the payment of the consideration stipulated in the Asset Purchase Agreement and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby irrevocably conveys, transfers and assigns to Buyer, and Buyer hereby accepts, all of Assignor's right, title and interest in and to the following Intellectual Property Rights (the "Assigned IP"):

(a) the Patents and Patent applications set forth in Schedule 1 hereto and all issuances, divisions, continuations, continuations-in-part, reissues, extensions, reexaminations and renewals thereof;

(b) the trademark registrations and applications set forth in Schedule 2 hereto, together with the goodwill connected with the use of and symbolized thereby and all issuances, extensions and renewals thereof (the "Trademarks"); provided that, with respect to the United States intent-to-use trademark applications set forth in Schedule 2 hereto, the transfer of such applications accompanies, pursuant to the Asset Purchase Agreement, the transfer of Assignor's business, or portion of the business to which the trademark pertains, and that business is ongoing and existing;

(c) the Copyrights and Copyright registrations, applications for registration and exclusive copyright licenses set forth in Schedule 3 hereto and all issuances, extensions and renewals thereof;

(d) all rights of any kind whatsoever of Assignor accruing under any of the foregoing provided by applicable law of any jurisdiction, by international treaties and conventions and otherwise throughout the world;

(e) any and all royalties, fees, income, payments and other proceeds now or hereafter due or payable with respect to any and all of the foregoing; and

(f) any and all claims and causes of action, with respect to any of the foregoing, whether accruing before, on or after the date hereof, including all rights to and claims for damages, restitution and injunctive and other legal and equitable relief for past, present and future infringement, dilution, misappropriation, violation, misuse, breach or default, with the right but no obligation to sue for such legal and equitable relief and to collect, or otherwise recover, any such damages.

3. Recordation and Further Actions. Assignor authorizes the Commissioner for Patents, the Commissioner for Trademarks and the Register of Copyrights and any other governmental officials to record and register this IP Assignment upon request by Buyer. Assignor shall take such steps and actions following the date hereof, including the execution of any documents, files, registrations, or other similar items, to ensure that the Assigned IP is properly assigned to Buyer, or any assignee or successor thereto.

4. Terms of the Asset Purchase Agreement. The terms of the Asset Purchase Agreement, including, but not limited to, the representations, warranties, covenants, agreements and indemnities relating to the Assigned IP are incorporated herein by this reference. The parties hereto acknowledge and agree that the representations, warranties, covenants, agreements and indemnities contained in the Asset Purchase Agreement shall not be superseded hereby but shall remain in full force and effect to the full extent provided therein. In the event of any conflict or inconsistency between the terms of the Asset Purchase Agreement and the terms hereof, the terms of the Asset Purchase Agreement shall govern.

5. Counterparts. This IP Assignment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed to be one and the same agreement. A signed copy of this IP Assignment delivered by facsimile, e-mail or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this IP Assignment.

6. Successors and Assigns. This IP Assignment shall be binding upon and shall inure to the benefit of the parties hereto and their respective successors and assigns.

7. Governing Law. This IP Assignment and any claim, controversy, dispute or cause of action (whether in contract, tort or otherwise) based upon, arising out of or relating to this IP Assignment and the transactions contemplated hereby shall be governed by, and construed in accordance with, the laws of the United States and the State of Delaware, without giving effect to any choice or conflict of law provision or rule (whether of the State of Delaware or any other jurisdiction).

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the parties hereto have caused this IP Assignment to be duly executed as of the date first set forth above.

SELLER:

ICAGEN, INC.:

By: DocuSigned by: Richard Cunningham 47EC8781B5C3439...
Name: Richard Cunningham
Title: Chief Executive Officer

ICAGEN CORP:

By: DocuSigned by: Richard Cunningham 47EC8781B5C3439...
Name: Richard Cunningham
Title: Chief Executive Officer

XRPRO SCIENCES, INC.:

By: DocuSigned by: Richard Cunningham 47EC8781B5C3439...
Name: Richard Cunningham
Title: Chief Executive Officer

CALDERA DISCOVERY, INC.:

By: DocuSigned by: Richard Cunningham 47EC8781B5C3439...
Name: Richard Cunningham
Title: Chief Executive Officer

BUYER:

ADJACENT ACQUISITION CO., LLC:

By: _____
Name:
Title:

IN WITNESS WHEREOF, the parties hereto have caused this IP Assignment to be duly executed as of the date first set forth above.

ASSIGNOR:

ICAGEN, INC.:

By: _____
Name: _____
Title: _____

ICAGEN CORP:

By: _____
Name: _____
Title: _____

XRPRO SCIENCES, INC.:

By: _____
Name: _____
Title: _____

CALDERA DISCOVERY, INC.:

By: _____
Name: _____
Title: _____

BUYER:

ADJACENT ACQUISITION CO., LLC:

By: Charles Berkman
Name: Charles Berkman
Title: Manager

SCHEDULE 1

ASSIGNED PATENTS AND PATENT APPLICATIONS

Reference	Title	Country	Application No. Filing Date	Pub. No. Pub. Date	Patent No. Issue Date	Status
ICA-001	METHOD FOR DETECTING BINDING EVENTS USING MICRO-X-RAY FLUORESCENCE SPECTROMETRY	United States	09/859,701 05-16-2001	2003-0027129 02-06-2003	7,858,385 12-28-2010	Patented
ICA-002EP	FLOW METHOD AND APPARATUS FOR SCREENING CHEMICALS USING MICRO X-RAY FLUORESCENCE	Europe	3748920 06-24-2003	1525458 02-05-2004	1525458 03-08-2017	Patented
ICA-002BE	FLOW METHOD AND APPARATUS FOR SCREENING CHEMICALS USING MICRO X-RAY FLUORESCENCE	Belgium	3748920 06-24-2003	1525458 02-05-2004	1525458 03-08-2017	Patented
ICA-002CH	FLOW METHOD AND APPARATUS FOR SCREENING CHEMICALS USING MICRO X-RAY FLUORESCENCE	Switzerland	3748920 06-24-2003	1525458 02-05-2004	1525458 03-08-2017	Patented
ICA-002DE	FLOW METHOD AND APPARATUS FOR SCREENING CHEMICALS USING MICRO X-RAY FLUORESCENCE	Germany	3748920 06-24-2003	1525458 02-05-2004	1525458 03-08-2017	Patented
ICA-002DK	FLOW METHOD AND APPARATUS FOR SCREENING CHEMICALS USING MICRO X-RAY FLUORESCENCE	Denmark	3748920 06-24-2003	1525458 02-05-2004	1525458 03-08-2017	Patented

Reference	Title	Country	Application No. Filing Date	Pub. No. Pub. Date	Patent No. Issue Date	Status
ICA-002ES	FLOW METHOD AND APPARATUS FOR SCREENING CHEMICALS USING MICRO X-RAY FLUORESCENCE	Spain	3748920 06-24-2003	1525458 02-05-2004	1525458 03-08-2017	Patented
ICA-002FI	FLOW METHOD AND APPARATUS FOR SCREENING CHEMICALS USING MICRO X-RAY FLUORESCENCE	Finland	3748920 06-24-2003	1525458 02-05-2004	1525458 03-08-2017	Patented
ICA-002FR	FLOW METHOD AND APPARATUS FOR SCREENING CHEMICALS USING MICRO X-RAY FLUORESCENCE	France	3748920 06-24-2003	1525458 02-05-2004	1525458 03-08-2017	Patented
ICA-002GB	FLOW METHOD AND APPARATUS FOR SCREENING CHEMICALS USING MICRO X-RAY FLUORESCENCE	United Kingdom	3748920 06-24-2003	1525458 02-05-2004	1525458 03-08-2017	Patented
ICA-002IT	FLOW METHOD AND APPARATUS FOR SCREENING CHEMICALS USING MICRO X-RAY FLUORESCENCE	Italy	3748920 06-24-2003	1525458 02-05-2004	1525458 03-08-2017	Patented
ICA-002SE	FLOW METHOD AND APPARATUS FOR SCREENING CHEMICALS USING MICRO X-RAY FLUORESCENCE	Sweden	3748920 06-24-2003	1525458 02-05-2004	1525458 03-08-2017	Patented
ICA-002NL	FLOW METHOD AND APPARATUS FOR SCREENING	Netherlands	3748920 06-24-2003	1525458 02-05-2004	1525458 03-08-2017	Patented

Reference	Title	Country	Application No. Filing Date	Pub. No. Pub. Date	Patent No. Issue Date	Status
	CHEMICALS USING MICRO X-RAY FLUORESCENCE					
ICA-002JP	FLOW METHOD AND APPARATUS FOR SCREENING CHEMICALS USING MICRO X-RAY FLUORESCENCE	Japan	2004-524531 06-24-2003	2006-503268 01-26-2006	4560403 07-30-2010	Patented
ICA-002SG	FLOW METHOD AND APPARATUS FOR SCREENING CHEMICALS USING MICRO X-RAY FLUORESCENCE	Singapore	200500360-3 06-24-2003	N/A	109345 10-31-2008	Patented
ICA-002C2	FLOW METHOD AND APPARATUS FOR SCREENING CHEMICALS USING MICRO X-RAY FLUORESCENCE	United States	11/444,660 05-31-2006	2007-0003008 01-04-2007	7,519,145 04-14-2009	Patented
ICA-002C3	FLOW METHOD AND APPARATUS FOR SCREENING CHEMICALS USING MICRO X-RAY FLUORESCENCE	United States	12/396,592 03-03-2009	2009-0175410 07-09-2009	7,929,662 04-19-2011	Patented
ICA-003EP	METHOD AND APPARATUS FOR DETECTING CHEMICAL BINDING	Europe	4755687.3 06-18-2004	1644095 04-12-2006	1644095 10-29-2014	Patented
ICA-003CH	METHOD AND APPARATUS FOR DETECTING CHEMICAL BINDING	Switzerland/ Liechtenstein	4755687.3 06-18-2004	1644095 04-12-2006	1644095 10-29-2014	Patented

Reference	Title	Country	Application No. Filing Date	Pub. No. Pub. Date	Patent No. Issue Date	Status
ICA-003DE	METHOD AND APPARATUS FOR DETECTING CHEMICAL BINDING	Germany	4755687.3 06-18-2004	1644095 04-12-2006	1644095 10-29-2014	Patented
ICA-003FR	METHOD AND APPARATUS FOR DETECTING CHEMICAL BINDING	France	4755687.3 06-18-2004	1644095 04-12-2006	1644095 10-29-2014	Patented
ICA-003GB	METHOD AND APPARATUS FOR DETECTING CHEMICAL BINDING	United Kingdom	4755687.3 06-18-2004	1644095 04-12-2006	1644095 10-29-2014	Patented
ICA-003IE	METHOD AND APPARATUS FOR DETECTING CHEMICAL BINDING	Ireland	4755687.3 06-18-2004	1644095 04-12-2006	1644095 10-29-2014	Patented
ICA-003NL	METHOD AND APPARATUS FOR DETECTING CHEMICAL BINDING	Netherlands	4755687.3 06-18-2004	1644095 04-12-2006	1644095 10-29-2014	Patented
ICA-003JP	METHOD AND APPARATUS FOR DETECTING CHEMICAL BINDING	Japan	2006-520181 06-18-2004	2007527524 09-27-2007	4782676 07-15-2011	Patented
ICA-003SG	METHOD AND APPARATUS FOR DETECTING CHEMICAL BINDING	Singapore	2005085584 06-18-2004	N/A	118682 05-30-2007	Patented
ICA-003	METHOD AND APPARATUS FOR DETECTING CHEMICAL BINDING	United States	10/621,825 07-16-2003	2005-0011818 01-20-2005	6,858,148 02-22-2005	Patented
ICA-003C1	METHOD AND APPARATUS FOR DETECTING CHEMICAL BINDING	United States	10/986,519 11-10-2004	2005-0095636 05-05-2005	7,241,381 07-10-2007	Patented

Reference	Title	Country	Application No. Filing Date	Pub. No. Pub. Date	Patent No. Issue Date	Status
ICA-004	DRUG DEVELOPMENT AND MANUFACTURING	United States	10/880,388 06-29-2004	2004-0235059 11-25-2004	9,157,875 10-13-2015	Patented
ICA-005EP	X-RAY FLUORESCENCE ANALYSIS METHOD	Europe	7874491.9 10-10-2007	2084519 08-05-2009	2084519 08-01-2012	Patented
ICA-005CH	X-RAY FLUORESCENCE ANALYSIS METHOD	Switzerland/ Liechtenstein	7874491.9 10-10-2007	2084519 08-05-2009	2084519 08-01-2012	Patented
ICA-005DE	X-RAY FLUORESCENCE ANALYSIS METHOD	Germany	60 2007 024 468.4 10-10-2007	2084519 08-05-2009	2084519 08-01-2012	Patented
ICA-005DK	X-RAY FLUORESCENCE ANALYSIS METHOD	Denmark	7874491.9 10-10-2007	2084519 08-05-2009	2084519 08-01-2012	Patented
ICA-005FR	X-RAY FLUORESCENCE ANALYSIS METHOD	France	7874491.9 10-10-2007	2084519 08-05-2009	2084519 08-01-2012	Patented
ICA-005GB	X-RAY FLUORESCENCE ANALYSIS METHOD	United Kingdom	7874491.9 10-10-2007	2084519 08-05-2009	2084519 08-01-2012	Patented
ICA-005IE	X-RAY FLUORESCENCE ANALYSIS METHOD	Ireland	7874491.9 10-10-2007	2084519 08-05-2009	2084519 08-01-2012	Patented
ICA-005IT	X-RAY FLUORESCENCE ANALYSIS METHOD	Italy	7874491.9 10-10-2007	2084519 08-05-2009	2084519 08-01-2012	Patented
ICA-005NL	X-RAY FLUORESCENCE ANALYSIS METHOD	Netherlands	7874491.9 10-10-2007	2084519 08-05-2009	2084519 08-01-2012	Patented
ICA-005SE	X-RAY FLUORESCENCE ANALYSIS METHOD	Sweden	7874491.9 10-10-2007	2084519 08-05-2009	2084519 08-01-2012	Patented
ICA-005EPDV	X-RAY MICROSCOPE	Europe	12164870.3 10-10-2007	2511844 10-17-2012	2511844 08-12-2015	Patented

Reference	Title	Country	Application No. Filing Date	Pub. No. Pub. Date	Patent No. Issue Date	Status
ICA-005CHDV	X-RAY MICROSCOPE	Switzerland and Lichtenstein	12164870.3 10-10-2007	2511844 10-17-2012	2511844 08-12-2015	Patented
ICA-005DEDV	X-RAY MICROSCOPE	Germany	602007042616.2 10-10-2007	2511844 10-17-2012	2511844 08-12-2015	Patented
ICA-005FRDV	X-RAY MICROSCOPE	France	12164870.3 10-10-2007	2511844 10-17-2012	2511844 08-12-2015	Patented
ICA-005GBDV	X-RAY MICROSCOPE	United Kingdom	12164870.3 10-10-2007	2511844 10-17-2012	2511844 08-12-2015	Patented
ICA-005HK	ADVANCED DRUG DEVELOPMENT AND MANUFACTURING	Hong Kong (via EP - 005EPDV)	12164870.3 10-10-2007	1177280 08-16-2013	1177280 01-22-2016	Patented
ICA-005IEDV	X-RAY MICROSCOPE	Ireland	12164870.3 10-10-2007	2511844 10-17-2012	2511844 08-12-2015	Patented
ICA-005JP	ADVANCED DRUG DEVELOPMENT AND MANUFACTURING	Japan	2009-532446 10-10-2007	2010509566 03-25-2010	5143841 11-30-2012	Patented
ICA-005JPDV2	ADVANCED DRUG DEVELOPMENT AND MANUFACTURING	Japan	2014-123249 10-10-2007	2014-123249 11-27-2014	5913441 04-08-2016	Patented
ICA-005C1	ADVANCED DRUG DEVELOPMENT AND MANUFACTURING	United States	14/693,094 04-22-2015	2015-0309021 10-29-2015	N/A	Pending
ICA-006EP	WELL PLATE	Europe	8798006.6 08-15-2018	2183644 05-12-2010	2183644 06-08-2016	Patented
ICA-006BE	WELL PLATE	Belgium	8798006.6 08-15-2018	2183644 05-12-2010	2183644 06-08-2016	Patented
ICA-006CH	WELL PLATE	Switzerland	8798006.6 08-15-2018	2183644 05-12-2010	2183644 06-08-2016	Patented

Reference	Title	Country	Application No. Filing Date	Pub. No. Pub. Date	Patent No. Issue Date	Status
ICA-006DE	WELL PLATE	Germany	602008044640.9 08-15-2018	2183644 05-12-2010	2183644 06-08-2016	Patented
ICA-006DK	WELL PLATE	Denmark	8798006.6 08-15-2018	2183644 05-12-2010	2183644 06-08-2016	Patented
ICA-006ES	WELL PLATE	Spain	8798006.6 08-15-2018	2183644 05-12-2010	2183644 06-08-2016	Patented
ICA-006FI	WELL PLATE	Finland	8798006.6 08-15-2018	2183644 05-12-2010	2183644 06-08-2016	Patented
ICA-006FR	WELL PLATE	France	8798006.6 08-15-2018	2183644 05-12-2010	2183644 06-08-2016	Patented
ICA-006GB	WELL PLATE	United Kingdom	8798006.6 08-15-2018	2183644 05-12-2010	2183644 06-08-2016	Patented
ICA-006IE	WELL PLATE	Ireland	8798006.6 08-15-2018	2183644 05-12-2010	2183644 06-08-2016	Patented
ICA-006IT	WELL PLATE	Italy	8798006.6 08-15-2018	2183644 05-12-2010	2183644 06-08-2016	Patented
ICA-006NL	WELL PLATE	Netherlands	8798006.6 08-15-2018	2183644 05-12-2010	2183644 06-08-2016	Patented
ICA-006NO	WELL PLATE	Norway	8798006.6 08-15-2018	2183644 05-12-2010	2183644 06-08-2016	Patented
ICA-006SE	WELL PLATE	Sweden	8798006.6 08-15-2018	2183644 05-12-2010	2183644 06-08-2016	Patented
ICA-006JP	WELL PLATE	Japan	2010-521206 08-15-2008	2010537171 10-02-2010	5628035 10-10-2014	Patented
ICA-006JPDV	WELL PLATE	Japan	2013-117600 08-15-2008	2013224946 10-31-2013	5755682 06-05-2015	Patented

Reference	Title	Country	Application No. Filing Date	Pub. No. Pub. Date	Patent No. Issue Date	Status
ICA-006JPDV2	WELL PLATE	Japan	2014-202871 08-15-2008	2015004692 01-08-2015	6076308 01-20-2017	Patented
ICA-006	WELL PLATE	United States	12/192,762 08-15-2008	2009-0046832 02-19-2009	8,238,515 08-07-2012	Patented
ICA-006C1	WELL PLATE	United States	13/567,613 08-06-2012	2013-0034205 02-07-2013	8,873,707 10-28-2014	Patented
ICA-006C2	WELL PLATE	United States	14/508,322 10-07-2014	2015-0023467 01-22-2015	9,476,846 10-25-2016	Patented
ICA-006C3	WELL PLATE	United States	15/273,767 10-23-2016	2017-0010228 01-12-2017	N/A	Pending
ICA-007JP	METHOD AND APPARATUS FOR MEASURING PROTEIN POST-TRANSLATIONAL MODIFICATION	Japan	2010-5272 09-26-2008	2010539944 12-24-2010	5743135 05-15-2015	Patented
ICA-007JPDV1	METHOD AND APPARATUS FOR MEASURING PROTEIN POST-TRANSLATIONAL MODIFICATION	Japan	2014-221166 09-26-2008	2015033386 02-19-2015	6297470 03-02-2018	Patented
ICA-007C1/XR7-US2	METHOD AND APPARATUS FOR MEASURING PROTEIN POST-TRANSLATIONAL MODIFICATION	United States	15/052,914 02-25-2016	2016-0201111 07-14-2016	9,976,172 05-22-2018	Patented
ICA-007C2/XR7-US2	METHOD AND APPARATUS FOR MEASURING PROTEIN POST-TRANSLATIONAL MODIFICATION	United States	15/961,480 04-24-2018	2018-0237823 08-23-2018	N/A	Allowed

Reference	Title	Country	Application No. Filing Date	Pub. No. Pub. Date	Patent No. Issue Date	Status
ICA-007C3/XR7-US2	METHOD AND APPARATUS FOR MEASURING PROTEIN POST-TRANSLATIONAL MODIFICATION	United States	16/750,144 01-23-2020	N/A	N/A	Pending
ICA-008CN	METHOD AND APPARATUS FOR MEASURING ANALYTE TRANSPORT ACROSS BARRIERS	China	200980125952.3 07-01-2009	102083365 06-01-2011	ZL200980125952.3 02-18-2015	Patented
ICA-008CNDV	METHOD AND APPARATUS FOR MEASURING ANALYTE TRANSPORT ACROSS BARRIERS	China	201310298029.8 07-01-2009	103411988 05-20-2015	2077368 05-18-2016	Patented
ICA-008CNDV2	METHOD AND APPARATUS FOR MEASURING ANALYTE TRANSPORT ACROSS BARRIERS	China	201510083796.6 07-01-2009	104634802 05-20-2015	ZL201510083796.6 03-08-2019	Patented
ICA-008EP	METHOD AND APPARATUS FOR MEASURING ANALYTE TRANSPORT ACROSS BARRIERS	Europe	09774467.6 07-01-2009	2306897 04-13-2011	2306897 05-30-2018	Patented
ICA-008FR	METHOD AND APPARATUS FOR MEASURING ANALYTE TRANSPORT ACROSS BARRIERS	France	09774467.6 07-01-2009	2306897 04-13-2011	2306897 05-30-2018	Patented
ICA-008DE	METHOD AND APPARATUS FOR MEASURING ANALYTE TRANSPORT ACROSS BARRIERS	Germany	09774467.6 07-01-2009	2306897 04-13-2011	2306897 05-30-2018	Patented

Reference	Title	Country	Application No. Filing Date	Pub. No. Pub. Date	Patent No. Issue Date	Status
ICA-008GB	METHOD AND APPARATUS FOR MEASURING ANALYTE TRANSPORT ACROSS BARRIERS	Great Britain	09774467.6 07-01-2009	2306897 04-13-2011	2306897 05-30-2018	Patented
ICA-008CH	METHOD AND APPARATUS FOR MEASURING ANALYTE TRANSPORT ACROSS BARRIERS	Switzerland	09774467.6 07-01-2009	2306897 04-13-2011	2306897 05-30-2018	Patented
ICA-008EPD1	METHOD AND APPARATUS FOR MEASURING ANALYTE TRANSPORT ACROSS BARRIERS	Europe	18169899.4 07-01-2009	3381359 10-03-2018	N/A	Pending
ICA-008HK	METHOD AND APPARATUS FOR MEASURING ANALYTE TRANSPORT ACROSS BARRIERS	Hong Kong	11112984.0 11-30-2011	1158478 07-20-2012	1158478 08-21-2015	Patented
ICA-008HKD1	METHOD AND APPARATUS FOR MEASURING ANALYTE TRANSPORT ACROSS BARRIERS	Hong Kong	19121515.1 07-01-2009	1261636 01-03-2020	N/A	Pending
ICA-008	METHOD AND APPARATUS FOR MEASURING ANALYTE TRANSPORT ACROSS BARRIERS USING X-RAY FLUORESCENCE	United States	12/496,532 07-01-2009	2010-0003697 01-07-2010	8,431,357 04-30-2013	Patented
ICA-008C1	METHOD FOR MEASURING ANALYTE TRANSPORT ACROSS BARRIERS USING X-RAY FLUORESCENCE USING X-RAY FLUORESCENCE	United States	13/871,697 04-23-2013	2013-0236887 09-12-2013	9,063,154 06-23-2015	Patented

Reference	Title	Country	Application No. Filing Date	Pub. No. Pub. Date	Patent No. Issue Date	Status
ICA-008C2	METHOD FOR MEASURING ANALYTE TRANSPORT ACROSS BARRIERS USING X-RAY FLUORESCENCE	United States	14/669,923 03-26-2015	2015-0198615 07-16-2015	9,506,931 11-29-2016	Patented
ICA-008C3	METHOD FOR MEASURING ANALYTE TRANSPORT ACROSS BARRIERS USING X-RAY FLUORESCENCE	United States	15/334,854 10-26-2016	2017-0045530 02-16-2017	10,082,511 09-25-2018	Patented
ICA-008C4	METHOD FOR MEASURING ANALYTE TRANSPORT ACROSS BARRIERS USING X-RAY FLUORESCENCE	United States	16/109,049 08-22-2018	2019-0064182 02-28-2019	N/A	Pending
ICA-009	METHOD FOR ANALYSIS USING X-RAY FLUORESCENCE	United States	13/317,341 10-14-2011	2012-0093286 04-19-2012	9,063,066 06-23-2015	Patented
ICA-009C1	METHOD FOR ANALYSIS USING X-RAY FLUORESCENCE	United States	14/715,206 05-18-2015	2015-0276631 10-01-2015	9,435,756 09-06-2016	Patented
ICA-009C2	METHOD FOR ANALYSIS USING X-RAY FLUORESCENCE	United States	14/715,218 05-18-2015	2015-0276632 10-01-2015	9,442,085 09-13-2016	Patented
ICA-009C3	METHOD FOR ANALYSIS USING X-RAY FLUORESCENCE	United States	14/715,233 05-18-2015	2015-0260664 09-17-2015	9,335,284 05-10-2016	Patented
ICA-009C4	METHOD FOR ANALYSIS USING X-RAY FLUORESCENCE	United States	15/227,292 08-03-2016	2016-0341678 11-24-2016	10,082,474 09-25-208	Patented
ICA-009C5	METHOD FOR ANALYSIS USING X-RAY FLUORESCENCE	United States	16/109,084 08-22-2018	2019-0011382 01-10-2019	10,458,933 10-29-2019	Patented
ICA-009C6	METHOD FOR ANALYSIS USING X-RAY FLUORESCENCE	United States	16/574,182 09-18-2019	2020-0011815 01-09-2020	N/A	Pending

Reference	Title	Country	Application No. Filing Date	Pub. No. Pub. Date	Patent No. Issue Date	Status
ICA-010	METHODS AND APPARATUS FOR MEASURING METALS AND METALLOIDS	United States	16/094,399 10-17-2018	2019-0120807 04-25-2019	10,527,600 01-07-2020	Patented
ICA-010C1	METHODS AND APPARATUS FOR MEASURING METALS AND METALLOIDS	United States	16/695,904 11-26-2019	N/A	N/A	Pending
ICA-013PC	METHODS OF DETECTION USING X-RAY FLUORESCENCE	International	PCT/US18/51025 09-14-2014	2019-055754 03-21-2019	N/A	Pending
ICA-014PR	BCAT MODULATION	US	62/871,828 07-09-2019	N/A	N/A	Pending

SCHEDULE 2

ASSIGNED TRADEMARKS REGISTRATIONS AND TRADEMARK APPLICATIONS

Docket No.	Jurisdiction	Description	Filing Date Issue Date	Application No. Trademark No.	Status
N/A	USA	ICAGEN	04/21/2016 07/18/2017	87008899 5243971	Live
N/A	USA	XRPRO	01/22/2008 07/30/2008	77377389 3507712	Live

SCHEDULE 3

ASSIGNED COPYRIGHTS REGISTRATIONS AND APPLICATIONS

NONE