

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM600999

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
PERCEPTIVE CREDIT HOLDINGS II, LP		10/02/2020	Limited Partnership: DELAWARE
RECEIVING PARTY DATA			
Name:	ARCHERDX, INC.		
Street Address:	2477 55th Street		
City:	Boulder		
State/Country:	COLORADO		
Postal Code:	80301		
Entity Type:	Corporation: DELAWARE		
PROPERTY NUMBERS Total: 5			
Property Type	Number	Word Mark	
Registration Number:	4886358	ARCHER	
Registration Number:	4899110	FUSIONPLEX	
Registration Number:	4992950	PRESEQ	
Registration Number:	5025615	QUIVER	
Registration Number:	4992951	VARIANTPLEX	
CORRESPONDENCE DATA			
Fax Number:			
<i>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.</i>			
Phone:	858-509-4071		
Email:	sdipdocket@pillsburylaw.com		
Correspondent Name:	Michelle L. Mehok		
Address Line 1:	12255 El Camino Real, Suite 300		
Address Line 4:	San Diego, CALIFORNIA 92130		
NAME OF SUBMITTER:	Michelle L. Mehok		
SIGNATURE:	/michelle mehok/		
DATE SIGNED:	10/02/2020		
Total Attachments: 22			
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**TERMINATION AND RELEASE OF
TRADEMARK SECURITY AGREEMENT**

This **TERMINATION AND RELEASE OF TRADEMARK SECURITY AGREEMENT** (this "*Termination and Release*") is granted as of October 2, 2020 by **PERCEPTIVE CREDIT HOLDINGS II, LP**, located at 51 Astor Place, 10th floor, New York, NY 10003 (the "*Administrative Agent*"), in favor of **ARCHERDX, INC.**, a Delaware corporation, located at 2477 55th Street, Boulder, CO 80301 (the "*Grantor*").

WHEREAS, the Grantor executed and delivered a Trademark Security Agreement dated as of May 10, 2019 (as may be amended, modified, restated, replaced, or supplemented from time to time prior to the date hereof, the "*Agreement*"; capitalized terms used herein are used as defined in the Agreement), granting to the Administrative Agent a security interest in all of its right, title and interest in, to and under the Trademark Collateral, whether then existing or thereafter acquired, including all of its right, title and interest in, to and under its registered and applied-for Trademarks, notice of which was recorded with the United States Patent and Trademark Office ("*USPTO*") on May 10, 2019, at Reel 6643, Frame 0036.

WHEREAS, Grantor has requested that the Administrative Agent hereby terminate, release and discharge fully its security interests in and liens on all right, title and interest of Grantor in, to and under all of the Trademark Collateral (including without limitation those Trademarks listed on Schedule I hereto) as herein provided; and

WHEREAS, Grantor has requested that the Administrative Agent provide a document suitable for recording with the USPTO to evidence the release of the Administrative Agent's security interests in and liens on the Trademark Collateral as herein provided.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Administrative Agent hereby:

1. terminates the Agreement and releases, terminates and discharges fully all liens and security interests in Grantor's right, title and interest in, to and under the Trademark Collateral; and
2. authorizes and requests that this Termination and Release be recorded with the USPTO.

[Signature page follows]

IN WITNESS WHEREOF, the undersigned has executed this Termination and Release by its duly authorized officers as of the date first above written.

PERCEPTIVE CREDIT HOLDINGS II, LP, as
the Administrative Agent

By: **PERCEPTIVE CREDIT OPPORTUNITIES
GP, LLC**, its general partner

By: *S Dixit*
Name: Sandeep Dixit
Title: Chief Credit Officer

By: _____
Name: Sam Chawla
Title: Portfolio Manager

IN WITNESS WHEREOF, the undersigned has executed this Termination and Release by its duly authorized officers as of the date first above written.

PERCEPTIVE CREDIT HOLDINGS II, LP, as
the Administrative Agent

By: **PERCEPTIVE CREDIT OPPORTUNITIES
GP, LLC**, its general partner

By: _____
Name: Sandeep Dixit
Title: Chief Credit Officer

By:  _____
Name: Sam Chawla
Title: Portfolio Manager

SCHEDULE I
TO
TERMINATION AND RELEASE OF TRADEMARK SECURITY AGREEMENT

[See attached]

Mark	Country	App. No. Reg. No.	Goods/Services	Chronology
ARCHER	United States	Application No. 86104762 Registration No. 4886358	Class 01: Diagnostic kits consisting primarily of enzymes, nucleic acids and buffers for scientific and research purposes in detection and diagnosis of cancer and genomic disorders First Use: Dec-31-2013 / First Use in Commerce: Dec-31-2013 Class 05: Diagnostic kits consisting primarily of buffers, enzymes and nucleic acids for medical purposes in detection and diagnosis of cancer and genomic disorders First Use: Dec-31-2013 / First Use in Commerce: Dec-31-2013 Class 42: Providing information in the field of cancer research and genomic disorder classification for medical and research professionals, hospitals, healthcare providers and laboratories First Use: Dec-31-2013 / First Use in Commerce: Dec-31-2013	Filed Oct-29-2013 Notice of Allowance Nov-25-2014 Registered Jan-12-2016
FUSIONPLEX	United States	Application No. 86281198 Registration No. 4899110	Class 05: Diagnostic kits comprised of enzymes, nucleic acids and buffers, for use in detecting and diagnosing cancer and genomic disorders First Use: Apr-30-2014 / First Use in Commerce: Apr-30-2014	Filed May-14-2014 Notice of Allowance Nov-25-2014 Registered Feb-09-2016

Mark	Country	App. No. Reg. No.	Goods/Services	Chronology
PRESEQ	United States	Application No. 86816915 Registration No. 4992950	Class 01: Assays for research purposes First Use: Sep-30-2015 / First Use in Commerce: Sep-30-2015	Filed Nov-11-2015 Registered Jul-05-2016
QUIVER	United States	Application No. 86811256 Registration No. 5025615	Class 42: Providing an on-line computer database featuring information relating to genetics and disease states for scientific and medical research purposes First Use: Jul-31-2014 / First Use in Commerce: Jul-31-2014 Class 44: Providing an on-line computer database featuring information relating to genetics and disease states in the field of healthcare First Use: Jul-31-2014 / First Use in Commerce: Jul-31-2014	Filed Nov-05-2015 Registered Aug-23-2016
VARIANTPLEX	United States	Application No. 86816919 Registration No. 4992951	Class 01: Assays for research purposes First Use: Apr-30-2015 / First Use in Commerce: Apr-30-2015	Filed Nov-11-2015 Registered Jul-05-2016
ARCHER	Australia (Via Madrid Protocol)	Application No. 1832113 Registration No. 1209959	Class 05: Diagnostic kits consisting primarily of buffers, enzymes and nucleic acids for medical purposes in detection and diagnosis of cancer and genomic disorders; providing information in the field of cancer research and genomic disorder classification for medical and research professionals, hospitals, healthcare providers and laboratories	Filed Dec-13-2016 Registered Jul-12-2017
CROSSBOW	Australia (Via Madrid Protocol)	Application No. 1783388 Registration No. 1303154	Class 09: Laboratory devices for detecting genetic sequences, namely, nucleic acid sequencers for scientific research, forensics, and human identification purposes; scientific instruments for use in genetic analysis; computer software for the analysis of genetic sequences	Filed May-05-2016 Registered Oct-26-2016

Mark	Country	App. No. Reg. No.	Goods/Services	Chronology
FUSIONPLEX	Australia (via Madrid Protocol)	Application No. 1686281 Registration No. 1242195	Class 05: Diagnostic kits comprised of enzymes, nucleic acids and buffers, for use in detecting and diagnosing cancer and genomic disorders Class 44: Providing diagnostic services, namely, testing patient samples and providing reports to hospitals, healthcare providers, medical and research professionals, and laboratories concerning cancer and genomic disorders	Filed Nov-12-2014 Registered Aug-05-2015
PRESEQ	Australia (via Madrid Protocol)	Application No. 1783124 Registration No. 1302198	Class 01: Assays for research purposes	Filed May-05-2016 Registered Nov-09-2016
QUIVER	Australia (via Madrid Protocol)	Application No. 1863373 Registration No. 1358926	Class 42: Hosting computer database featuring information relating to genetics and disease states for scientific and medical research purposes Class 44: Providing online information relating to genetics and disease states in the field of healthcare from a computer database	Filed May-05-2016 Registered Nov-30-2017
VARIANTPLEX	Australia (via Madrid Protocol)	Application No. 1783125 Registration No. 1302199	Class 01: Assays for research purposes	Filed May-05-2016 Registered Nov-09-2016
ARCHER	China (via Madrid Protocol)	Application No. 1209959 Registration No. 1209959	Class 05: Diagnostic kits comprised of enzymes, nucleic acids and buffers, for use in detecting and diagnosing cancer and genomic disorders Class 44: Providing diagnostic services, namely, testing patient samples and providing reports to hospitals, healthcare providers, medical and research professionals, and laboratories concerning cancer and genomic disorders	Filed Apr-29-2014 Registered Mar-31-2015

Mark	Country	App. No. Reg. No.	Goods/Services	Chronology
CROSSBOW	China (Via Madrid Protocol)	Application No. Registration No. 1303154	Class 09: Laboratory devices for detecting genetic sequences, namely, nucleic acid sequencers for scientific research, forensics, and human identification purposes; scientific instruments for use in genetic analysis; computer software for the analysis of genetic sequences	Filed May-05-2016
CROSSBOW	China	Application No. 32052141	Class 10: Nucleic acid sequencers for scientific purposes; Devices for analyzing genome information; chromatography apparatus for laboratory use; chemistry apparatus and instruments; apparatus and instruments for physics	Filed Jul-05-2018
FUSIONPLEX	China (Via Madrid Protocol)	Application No. A0046343 Registration No. 1242195	Class 05: Diagnostic kits comprised of enzymes, nucleic acids and buffers, for use in detecting and diagnosing cancer and genomic disorders Class 44: Providing diagnostic services, namely, testing patient samples and providing reports to hospitals, healthcare providers, medical and research professionals, and laboratories concerning cancer and genomic disorders	Filed Nov-12-2014 Registered Jan-25-2016
PRESEQ	China (Via Madrid Protocol)	Application No. Registration No. 1302198	Class 01: Assays for research purposes	Filed May-05-2016 Registered Nov-25-2017
QUIVER	China (Via Madrid Protocol)	Application No. 1072969 Registration No. 1358926	Class 42: Hosting computer database featuring information relating to genetics and disease states for scientific and medical research purposes Class 44: Providing online information relating to genetics and disease states in the field of healthcare from a computer database	Filed May-05-2016

Mark	Country	App. No. Reg. No.	Goods/Services	Chronology
VARIANTPLEX	China	Application No. 1302199	Class 01: Assays for research purposes	Filed May-05-2016
	(via Madrid Protocol)	Registration No. 1302199		Registered Nov-27-2017
ARCHER	European Union	Application No. 1209959	Class 05: Diagnostic kits comprised of enzymes, nucleic acids and buffers, for use in detecting and diagnosing cancer and genomic disorders	Filed Apr-29-2014
	(via Madrid Protocol)	Registration No. 1209959	Class 44: Providing diagnostic services, namely, testing patient samples and providing reports to hospitals, healthcare providers, medical and research professionals, and laboratories concerning cancer and genomic disorders	Registered May-27-2015
FUSIONPLEX	European Union	Application No. A0046343	Class 05: Diagnostic kits comprised of enzymes, nucleic acids and buffers, for use in detecting and diagnosing cancer and genomic disorders	Filed Nov-12-2014
	(via Madrid Protocol)	Registration No. 1242195	Class 44: Providing diagnostic services, namely, testing patient samples and providing reports to hospitals, healthcare providers, medical and research professionals, and laboratories concerning cancer and genomic disorders	Registered Feb-11-2016
PRESEQ	European Union	Application No.	Class 01: Assays for research purposes	Filed May-05-2016
	(via Madrid Protocol)	Registration No. 1302198		
QUIVER	European Union	Application No. 1072969	Class 42: Hosting computer database featuring information relating to genetics and disease states for scientific and medical research purposes	Filed May-05-2016
	(via Madrid Protocol)	Registration No. 1358926	Class 44: Providing online information relating to genetics and disease states in the field of healthcare from a computer database	Registered Jan-05-2018

Mark	Country	App. No. Reg. No.	Goods/Services	Chronology
VARIANTPLEX	European Union (via Madrid Protocol)	Application No. 001302199 Registration No. 1302199	Class 01: Chemical reagents for genetic assays for research in the field of scientific academic study	Filed May-05-2016 Registered Dec-20-2016
ARCHER	India (via Madrid Protocol)	Application No. 2785310 Registration No. 1209959	Class 05: Diagnostic kits comprised of enzymes, nucleic acids and buffers, for use in detecting and diagnosing cancer and genomic disorders Class 44: Providing diagnostic services, namely, testing patient samples and providing reports to hospitals, healthcare providers, medical and research professionals, and laboratories concerning cancer and genomic disorders	Filed Apr-29-2014
CROSSBOW	India (via Madrid Protocol)	Application No. 3370559 Registration No. 1303154	Class 09: Laboratory devices for detecting genetic sequences, namely, nucleic acid sequencers for scientific research, forensics, and human identification purposes; scientific instruments for use in genetic analysis; computer software for the analysis of genetic sequences	Filed May-05-2016 Registered Aug-26-2017
FUSIONPLEX	India (via Madrid Protocol)	Application No. 2997674 Registration No. 1242195	Class 05: Diagnostic kits comprised of enzymes, nucleic acids and buffers, for use in detecting and diagnosing cancer and genomic disorders Class 44: Providing diagnostic services, namely, testing patient samples and providing reports to hospitals, healthcare providers, medical and research professionals, and laboratories concerning cancer and genomic disorders	Filed Nov-12-2014 Registered Oct-03-2017
PRESEQ	India (via Madrid Protocol)	Application No. 3365971 Registration No. 1302198	Class 01: Assays for research purposes	Filed May-05-2016 Registered Sep-04-2017

Mark	Country	App. No. Reg. No.	Goods/Services	Chronology
QUIVER	India (Via Madrid Protocol)	Application No. 3607759	Class 42: Providing an on-line computer database featuring information relating to genomics and disease states for scientific and medical research purposes Class 44: Providing online information relating to genetics and disease states in the field of healthcare from a computer database	Filed May-05-2016
		Registration No. 1358926		Registered Dec-22-2017
VARIANTPLEX	India (Via Madrid Protocol)	Application No. 3370638	Class 01: Assays for research purposes	Filed May-05-2016
		Registration No. 1302199		Registered Sep-04-2017
ARCHER	Japan (Via Madrid Protocol)	Application No. 1209959	Class 05: Diagnostic kits comprised of enzymes, nucleic acids and buffers, for use in detecting and diagnosing cancer and genomic disorders Class 44: Providing diagnostic services, namely, testing patient samples and providing reports to hospitals, healthcare providers, medical and research professionals, and laboratories concerning cancer and genomic disorders	Filed Apr-29-2014
		Registration No. 1209959		Registered Apr-10-2015
CROSSBOW	Japan (Via Madrid Protocol)	Application No. 1303154	Class 09: Laboratory devices for detecting genetic sequences, namely, nucleic acid sequencers for scientific research, forensics, and human identification purposes; scientific instruments for use in genetic analysis in laboratories; computer software for the analysis of genetic sequences	Filed May-05-2016
FUSIONPLEX	Japan (Via Madrid Protocol)	Application No. 2015353751	Class 05: Diagnostic kits comprised of enzymes, nucleic acids and buffers, for use in detecting and diagnosing cancer and genomic disorders Class 44: Providing diagnostic services, namely, testing patient samples and providing reports to hospitals, healthcare providers, medical and research professionals, and laboratories concerning cancer and genomic disorders	Filed Nov-12-2014
		Registration No. 1242195		Registered Feb-19-2016

Mark	Country	App. No. Reg. No.	Goods/Services	Chronology
PRESEC	Japan (via Madrid Protocol)	Application No. 1302198 Registration No. 1302198	Class 01: Assays for research purposes	Filed May-05-2016 Registered Mar-17-2017
QUIVER	Japan (via Madrid Protocol)	Application No. 1358926	Class 42: Hosting computer database featuring information relating to genetics and disease states for scientific and medical research purposes Class 44: Providing online information relating to genetics and disease states in the field of healthcare from a computer database	Filed May-05-2016 Registered Feb-08-2018
VARIANTPLEX	Japan (via Madrid Protocol)	Application No. 1302199 Registration No. 1302199	Class 01: Assays for research purposes	Filed May-05-2016 Registered Mar-17-2017
ARCHER	Madrid Protocol Designated Jurisdictions: Australia, China, European Union, India, Japan, Mexico, New Zealand, Norway, Singapore, South Korea	Application No. 1209959 Registration No. 1209959	Class 01: Diagnostic kits consisting primarily of enzymes, nucleic acids and buffers for scientific and research purposes in detection and diagnosis of cancer and genomic disorders Class 05: Diagnostic kits consisting primarily of buffers, enzymes and nucleic acids for medical purposes in detection and diagnosis of cancer and genomic disorders Class 44: Providing diagnostic services, namely, testing patient samples and providing reports to hospitals, healthcare providers, medical and research professionals, and laboratories concerning cancer and genomic disorders	Filed Apr-29-2014 Registered Jul-24-2014

Mark	Country	App. No. Reg. No.	Goods/Services	Chronology
CROSSBOW	Madrid Protocol Designated Jurisdictions: Australia, China, European Union, India, Japan, Mexico, New Zealand, Norway, Singapore, South Korea, Switzerland	Application No. A0058644 Registration No. 1303154	Class 09: Laboratory devices for detecting genetic sequences, namely, nucleic acid sequencers for scientific research, forensics, and human identification purposes; scientific instruments for use in genetic analysis; computer software for the analysis of genetic sequences	Filed May-05-2016 Registered Jul-14-2016
FUSIONPLEX	Madrid Protocol Designated Jurisdictions: Australia, China, European Union, India, Japan, Mexico, New Zealand, Norway, Singapore, South Korea, Switzerland	Application No. A0046343 Registration No. 1242195	Class 05: Diagnostic kits comprised of enzymes, nucleic acids and buffers, for use in detecting and diagnosing cancer and genomic disorders Class 44: Providing diagnostic services, namely, testing patient samples and providing reports to hospitals, healthcare providers, medical and research professionals, and laboratories concerning cancer and genomic disorders	Filed Nov-12-2014 Registered Apr-09-2015
PRESEQ	Madrid Protocol Designated Jurisdictions: Australia, China, European Union, India, Japan, Mexico, New Zealand, Norway, Singapore,	Application No. A0058642 Registration No. 1302198	Class 01: Assays for research purposes	Filed May-05-2016 Registered Jul-14-2016

Mark	Country	App. No. Reg. No.	Goods/Services	Chronology
QUIVER	South Korea, Switzerland	Application No. 1358926 Registration No. 1358926	Class 42: Providing an on-line computer database featuring information relating to genetics and disease states for scientific and medical research purposes Class 44: Providing online information relating to genetics and disease states in the field of healthcare from a computer database	Filed May-05-2016 Registered Aug-03-2017
VARIANTPLEX	Designated Jurisdictions: Australia, China, European Union, India, Japan, Mexico, New Zealand, Norway, Singapore, South Korea, Switzerland	Madrid Protocol Application No. 1302199 Registration No. 1302199	Class 01: Assays for research purposes	Filed May-05-2016 Registered Jul-14-2016

Mark	Country	App. No. Reg. No.	Goods/Services	Chronology
ARCHER	Mexico (via Madrid Protocol)	Application No. 1209959 Registration No. 1209959	Class 44: Providing diagnostic services, namely, testing patient samples and providing reports to hospitals, healthcare providers, medical and research professionals, and laboratories concerning cancer and genomic disorders	Filed Dec-13-2016
ARCHER	Mexico (via Madrid Protocol)	Application No. 1209959 Registration No. 1209959	Class 05: Diagnostic kits comprised of enzymes, nucleic acids and buffers, for use in detecting and diagnosing cancer and genomic disorders	Filed Dec-13-2016
CROSSBOW	Mexico (via Madrid Protocol)	Application No. A0058644 Registration No. 1303154	Class 09: Laboratory devices for detecting genetic sequences, namely, nucleic acid sequencers for scientific research, forensics, and human identification purposes; scientific instruments for use in genetic analysis; computer software for the analysis of genetic sequences	Filed May-05-2016 Registered Aug-01-2017
FUSIONPLEX	Mexico (via Madrid Protocol)	Application No. 1599405 Registration No. 1616961	Class 05: Diagnostic kits comprised of enzymes, nucleic acids and buffers, for use in detecting and diagnosing cancer and genomic disorders	Filed Nov-12-2014 Registered Apr-04-2016
FUSIONPLEX	Mexico (via Madrid Protocol)	Application No. 1599406 Registration No. 1616962	Class 44: Providing diagnostic services, namely, testing patient samples and providing reports to hospitals, healthcare providers, medical and research professionals, and laboratories concerning cancer and genomic disorders	Filed Nov-12-2014 Registered Apr-04-2016

Mark	Country	App. No. Reg. No.	Goods/Services	Chronology
PRESEC	Mexico (via Madrid Protocol)	Application No. A0058642 Registration No. 1302198	Class 01: Assays for research purposes	Filed May-05-2016 Registered Jun-27-2018
QUIVER	Mexico (via Madrid Protocol)	Application No. 1072969 Registration No. 1356926	Class 42: Hosting computer database featuring information relating to genetics and disease states for scientific and medical research purposes Class 44: Providing online information relating to genetics and disease states in the field of healthcare from a computer database	Filed May-05-2016 Registered Jun-22-2018
VARIANTPLEX	Mexico (via Madrid Protocol)	Application No. Registration No. 1302199	Class 01: Assays for research purposes	Filed May-05-2016 Registered Jun-27-2018
ARCHER	New Zealand (via Madrid Protocol)	Application No. 1062572 Registration No. 1209959	Class 05: Diagnostic kits comprised of enzymes, nucleic acids and buffers, for use in detecting and diagnosing cancer and genomic disorders	Filed Dec-13-2016 Registered Jul-31-2018
CROSSBOW	New Zealand (via Madrid Protocol)	Application No. 1046896 Registration No. 1303154	Class 01: Assays for research purposes	Filed May-05-2016 Registered Jan-31-2017

Mark	Country	App. No. Reg. No.	Goods/Services	Chronology
FUSIONPLEX	New Zealand (via Madrid Protocol)	Application No. 1017396 Registration No. 1242195	Class 05: Diagnostic kits comprised of enzymes, nucleic acids and buffers, for use in detecting and diagnosing cancer and genomic disorders Class 44: Providing diagnostic services, namely, testing patient samples and providing reports to hospitals, healthcare providers, medical and research professionals, and laboratories concerning cancer and genomic disorders	Filed Nov-12-2014 Registered Aug-02-2016
PRESEQ	New Zealand (via Madrid Protocol)	Application No. 1046758 Registration No. 1302198	Class 01: Assays for research purposes	Filed May-05-2016 Registered Nov-08-2016
QUIVER	New Zealand (via Madrid Protocol)	Application No. 1072969 Registration No. 1358926	Class 42: Hosting computer database featuring information relating to genetics and disease states for scientific and medical research purposes Class 44: Providing online information relating to genetics and disease states in the field of healthcare from a computer database	Filed May-05-2016 Registered Aug-03-2017
VARIANTPLEX	New Zealand (via Madrid Protocol)	Application No. 1046759 Registration No. 1302199	Class 01: Assays for research purposes	Filed May-05-2016 Registered Nov-08-2016

Mark	Country	App. No. Reg. No.	Goods/Services	Chronology
ARCHER	Norway (via Madrid Protocol)	Application No. 1209959 Registration No. 1209959	Class 05: Diagnostic kits comprised of enzymes, nucleic acids and buffers, for use in detecting and diagnosing cancer and genomic disorders Class 44: Providing diagnostic services, namely, testing patient samples and providing reports to hospitals, healthcare providers, medical and research professionals, and laboratories concerning cancer and genomic disorders	Filed Dec-13-2016 Registered May-31-2018
CROSSBOW	Norway (via Madrid Protocol)	Application No. A0058644 Registration No. 1303154	Class 09: Laboratory devices for detecting genetic sequences, namely, nucleic acid sequencers for scientific research, forensics, and human identification purposes; scientific instruments for use in genetic analysis; computer software for the analysis of genetic sequences	Filed May-05-2016 Registered Feb-10-2017
FUSIONPLEX	Norway (via Madrid Protocol)	Application No. Registration No. 1242195	Class 05: Diagnostic kits comprised of enzymes, nucleic acids and buffers, for use in detecting and diagnosing cancer and genomic disorders Class 44: Providing diagnostic services, namely, testing patient samples and providing reports to hospitals, healthcare providers, medical and research professionals, and laboratories concerning cancer and genomic disorders	Filed Nov-12-2014 Registered Nov-27-2015
PRESEQ	Norway (via Madrid Protocol)	Application No. A0058642 Registration No. 1302198	Class 01: Assays for research purposes	Filed May-05-2016 Registered Jul-14-2016

Mark	Country	App. No. Reg. No.	Goods/Services	Chronology
QUIVER	Norway (via Madrid Protocol)	Application No. 1072969 Registration No. 1358926	Class 42: Hosting computer database featuring information relating to genetics and disease states for scientific and medical research purposes Class 44: Providing online information relating to genetics and disease states in the field of healthcare from a computer database	Filed May-05-2016 Registered Aug-03-2017
VARIANTPLEX	Norway (via Madrid Protocol)	Application No. 1302199 Registration No. 1302199	Class 01: Assays for research purposes	Filed May-05-2016 Registered Feb-10-2017
ARCHER	Singapore (via Madrid Protocol)	Application No. 40201704531Y Registration No. 1209959	Class : Diagnostic kits consisting primarily of buffers, enzymes and nucleic acids for medical purposes in detection and diagnosis of cancer and genomic disorders Class 05: Diagnostic kits consisting primarily of buffers, enzymes and nucleic acids for medical purposes in detection and diagnosis of cancer and genomic disorders Class 42: Providing information in the field of cancer research and genomic disorder classification for medical and research professionals, hospitals, healthcare providers and laboratories	Filed Dec-13-2016
CROSSBOW	Singapore (via Madrid Protocol)	Application No. 40201611646T Registration No. 1303154	Class 09: Laboratory devices for detecting genetic sequences, namely, nucleic acid sequencers for scientific research, forensics, and human identification purposes; scientific instruments for use in genetic analysis; computer software for the analysis of genetic sequences	Filed May-05-2016 Registered Oct-13-2016

Mark	Country	App. No. Reg. No.	Goods/Services	Chronology
FUSIONPLEX	Singapore (Via Madrid Protocol)	Application No. 40201506084R Registration No. 1242195	Class 05: Diagnostic kits comprised of enzymes, nucleic acids and buffers, for use in detecting and diagnosing cancer and genomic disorders Class 44: Providing diagnostic services, namely, testing patient samples and providing reports to hospitals, healthcare providers, medical and research professionals, and laboratories concerning cancer and genomic disorders	Filed Nov-12-2014 Registered Oct-07-2015
PRESEQ	Singapore (Via Madrid Protocol)	Application No. 4020161561R Registration No. 1302198	Class 01: Assays for research purposes	Filed May-05-2016 Registered Oct-13-2016
QUIVER	Singapore (Via Madrid Protocol)	Application No. 40201715051W Registration No. 1358926	Class 42: Hosting computer database featuring information relating to genetics and disease states for scientific and medical research purposes Class 44: Providing online information relating to genetics and disease states in the field of healthcare from a computer database	Filed May-05-2016 Statement of Grant of Protection issued Jul-26- 2018
VARIANTPLEX	Singapore (Via Madrid Protocol)	Application No. 40201611562P Registration No. 1302199	Class 01: Assays for research purposes	Filed May-05-2016 Registered Nov-10-2016
ARCHER	South Korea (Via Madrid Protocol)	Application No. 1209959 Registration No. 1209959	Class 05: Diagnostic kits comprised of enzymes, nucleic acids and buffers, for use in detecting and diagnosing cancer and genomic disorders Class 44: Providing diagnostic services, namely, testing patient samples and providing reports to hospitals, healthcare providers, medical and research professionals, and laboratories concerning cancer and genomic disorders	Filed Dec-13-2016

Mark	Country	App. No. Reg. No.	Goods/Services	Chronology
CROSSBOW	South Korea (Via Madrid Protocol)	Application No. Registration No. 1303154	Class 09: Laboratory devices for detecting genetic sequences, namely, nucleic acid sequencers for scientific research, forensics, and human identification purposes; scientific instruments for use in genetic analyses	Filed May-05-2016 Registered Oct-21-2017
FUSIONPLEX	South Korea (Via Madrid Protocol)	Application No. A0046343 Registration No. 1242195	Class 05: Diagnostic kits comprised of enzymes, nucleic acids and buffers, for use in detecting and diagnosing cancer and genomic disorders Class 44: Providing diagnostic services, namely, testing patient samples and providing reports to hospitals, healthcare providers, medical and research professionals, and laboratories concerning cancer and genomic disorders	Filed Nov-12-2014 Registered Jan-10-2016
PRESEQ	South Korea (Via Madrid Protocol)	Application No. 852017000776227 Registration No. 1302198	Class 01: Assays for research purposes	Filed May-05-2016 Registered Feb-20-2017
QUIVER	South Korea (Via Madrid Protocol)	Application No. 1072969 Registration No. 1358926	Class 42: Hosting computer database featuring information relating to genetics and disease states for scientific and medical research purposes Class 44: Providing online information relating to genetics and disease states in the field of healthcare from a computer database	Filed May-05-2016
VARIANTPLEX	South Korea (Via Madrid Protocol)	Application No. 1302199 Registration No. 1302199	Class 01: Assays for research purposes	Filed May-05-2016 Registered Apr-13-2017

Mark	Country	App. No. Reg. No.	Goods/Services	Chronology
CROSSBOW	Switzerland (via Madrid Protocol)	Application No. A0058644 Registration No. 1303154	Class 09: Laboratory devices for detecting genetic sequences, namely, nucleic acid sequencers for scientific research, forensics, and human identification purposes; scientific instruments for use in genetic analysis; computer software for the analysis of genetic sequences	Filed May-05-2016 Registered May-16-2017
FUSIONPLEX	Switzerland (via Madrid Protocol)	Application No. A0046343 Registration No. 1242195	Class 05: Diagnostic kits comprised of enzymes, nucleic acids and buffers, for use in detecting and diagnosing cancer and genomic disorders Class 44: Providing diagnostic services, namely, testing patient samples and providing reports to hospitals, healthcare providers, medical and research professionals, and laboratories concerning cancer and genomic disorders	Filed Nov-12-2014 Registered Mar-18-2016
PRESEQ	Switzerland (via Madrid Protocol)	Application No. A0058642 Registration No. 1302198	Class 01: Assays for research purposes	Filed May-05-2016 Registered Apr-08-2017
VARIANTPLEX	Switzerland (via Madrid Protocol)	Application No. 1302199 Registration No. 1302199	Class 01: Assays for research purposes	Filed May-05-2016 Registered May-19-2017