

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM575237

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Apteryx, Inc.		05/04/2020	Corporation: OHIO
RECEIVING PARTY DATA			
Name:	National Bank of Canada		
Street Address:	130 King Street		
Internal Address:	Suite 3200		
City:	Toronto, Ontario		
State/Country:	CANADA		
Postal Code:	M5X 1J9		
Entity Type:	commercial bank: CANADA		
PROPERTY NUMBERS Total: 10			
Property Type	Number	Word Mark	
Registration Number:	2216838	APTERYX	
Serial Number:	88471357	APTERYX	
Serial Number:	88640947	APTERYX IMAGING	
Serial Number:	88640965	APTERYX IMAGING	
Registration Number:	5267970	NAMEGRABBER	
Registration Number:	5170577		
Registration Number:	5170578	XV	
Registration Number:	2313922	XRAYVISION	
Registration Number:	4529353	XVLITE	
Registration Number:	4724389	XVWEB	
CORRESPONDENCE DATA			
Fax Number:	5852958457		
<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:	585-295-4433		
Email:	kmarkert@barclaydamon.com		
Correspondent Name:	Katherine A. Markert		
Address Line 1:	100 Chestnut St.		
Address Line 2:	2000 Five Star Bank Plaza		

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Address Line 4:	Rochester, NEW YORK 14604
ATTORNEY DOCKET NUMBER:	3103480
NAME OF SUBMITTER:	Katherine A. Markert
SIGNATURE:	/Katherine A. Markert/
DATE SIGNED:	05/07/2020
Total Attachments: 5 source=US Confirmation of Security Interest#page1.tif source=US Confirmation of Security Interest#page2.tif source=US Confirmation of Security Interest#page3.tif source=US Confirmation of Security Interest#page4.tif source=US Confirmation of Security Interest#page5.tif	

APTERYX INC.

**CONFIRMATION OF SECURITY INTEREST
IN INTELLECTUAL PROPERTY**

RECITALS:

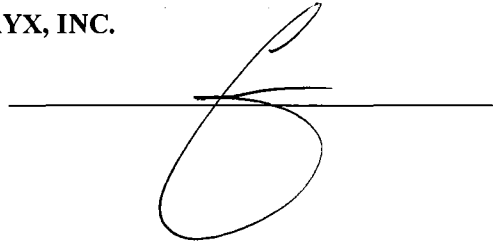
- A. APTERYX, INC. (the "Guarantor"), a corporation incorporated under the laws of Ohio, is the owner of: (i) the trade-marks, patents and copyright set forth in Exhibit A, the registrations and applications therefor identified therein and the underlying goodwill thereof (collectively, the "Intellectual Property").
- B. The Guarantor has entered into an intellectual property security agreement dated as of May 4th, 2020 in favour of NATIONAL BANK OF CANADA (the "Secured Party") (as amended, modified, supplemented or restated from time to time, the "Security Agreement") under which the Guarantor granted to the Secured Party a security interest in certain property, including the Intellectual Property, as security for its obligations to the Secured Party.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are acknowledged and in accordance with the terms and obligations set forth in the Security Agreement, the Guarantor confirms the grant to the Secured Party of a security interest in and to the Intellectual Property pursuant to and in connection with the Security Agreement.

DATED of this 4th day of May 2020.

APTERYX, INC.

By:
Name:
Title:



Trademarks:

**Exhibit A
Intellectual Property**

Title	Country	Category	App. Date	App. No.	Reg. Date	Reg. No.	Status	Class(es)	HI.P Ref.
APTERYXX	Canada	Intent to Use	13/06/2019	1,973,489			Application filed	09, 10	116385,00261
APTERYXX	United States of America	National	30/07/1996	75142,312	12/01/1999	2,216,838	Registered	09	116385,00005
APTERYXX	United States of America	Intent to Use	13/06/2019	88471,357			Application allowed	09, 10	116385,00264
APTERYXX IMAGING	Canada	National	08/10/2019	1,988,991			Application filed	09, 10	116385,00269
APTERYXX IMAGING	United States of America	Intent to Use	03/10/2019	88640,947			Application filed	09, 10	116385,00265
APTERYXX IMAGING (logo)	Canada	National	08/10/2019	1,988,990			Application filed	09, 10	116385,00270
APTERYXX IMAGING (logo)	United States of America	Intent to Use	03/10/2019	88640,965			Application filed	09, 10	116385,00266
NAMEGRABBER	United States of America	Intent to Use	12/08/2016	87136,973	15/08/2017	5,267,970	Registered	09	116385,00216
QUILL	United States of America	National	12/08/2016	87136,957	28/03/2017	5,170,577	Registered	09	116385,00236
XRAYVIEW	United States of America	State Reg.	30/07/1996	TM 14,798	30/07/1996	TM 14,798	Registered	09	116385,00002
XRAYVISION	United States of America	State Reg.	13/03/1996	N/A	26/04/1996	TM 14,732	Registered	09	116385,00003
XRAYVISION	United States of America	National	16/11/1998	751589,137	01/02/2000	2,313,922	Registered	09	116385,00018
XV	United States of America	Intent to Use	12/08/2016	87136,966	28/03/2017	5,170,578	Registered	09	116385,00215
XVLITE	Canada	National	26/03/2014	1669858	20/07/2015	TMA908992	Registered	9	116385,00196
XVLITE	European Community	National	31/03/2014	012744744	12/08/2014	012744744	Registered	09	116385,00195
XVLITE	United States of America	National	01/10/2013	86079,488	13/05/2014	4,529,353	Registered	09	116385,00186
XVWEB	Canada	Intent to Use	17/12/2013	1656671	16/12/2016	TMA958,230	Registered	09, 42	116385,00192
XVWEB	European Community	National	18/12/2013	012446639	28/04/2014	012446639	Registered	09, 42	116385,00191
XVWEB	United States of America	Intent to Use	19/06/2013	85963,726	21/04/2015	4,724,389	Registered	09, 42	116385,00184

Patents:

Title	Category	Country	App. Date	App. No.	Reg. Date	Reg. No.	Status	Family	H.P. Ref.
SYSTEM AND METHOD OF CAPTURING IMAGES	National	United States of America	11/03/2005	11/078,810	21/05/2013	8,447,378	Registered	P04696	116385.00061
SYSTEM AND METHOD FOR NAME GRABBING VIA OPTICAL CHARACTER READING	National	United States of America	11/03/2005	11/078,560	25/01/2011	7,877,406	Registered	P04844	116385.00076
SYSTEM AND METHOD FOR SENSOR DEVICE MANUFACTURER ORIENTED CALIBRATION	National	United States of America	15/08/2005	11/203,858	10/11/2009	7,616,796	Registered	P04887	116385.00080
METHOD AND SYSTEM FOR AUTOMATIC INTRA-ORAL SENSOR LOCATING FOR IMAGE ACQUISITION	National	United States of America	06/10/2005	11/244,545	03/08/2010	7,769,218	Registered	P04883	116385.00086
METHODS OF POPULATING A THIRD-PARTY DOCUMENT WITH DIGITAL INFORMATION CONTENT	National	United States of America	24/07/2006	11/459,444	06/10/2009	7,599,538	Registered	P05379	116385.00095
AUTO-DISTRIBUTION OF SCANNED DIGITAL IMAGES BASED ON STANDARDIZED IDENTIFIERS	National	United States of America	16/07/2007	11/778,116	31/01/2012	8,108,883	Registered	P05380	116385.00096
SYSTEM AND METHOD FOR PREPARING SPATIALLY RELATED MEDICAL DIGITAL IMAGE DATA SETS FOR IMAGE COMPRESSION AND STORAGE PRIOR TO IMAGE RECONSTRUCTION	National	United States of America	22/02/2008	12/035,913	01/03/2011	7,896,229	Registered	P05764	116385.00114
AUTOMATIC SPATIAL ADJUSTMENT OF A PAN-ORAL X-RAY SOURCE IN RESPONSE TO THE ACTUAL DENTITION OF A PATIENT APPARATUS AND METHOD FOR VIRTUAL FLAW REMOVAL FROM X-RAY SENSITIVE PLATES	National	United States of America	23/12/2008	12/342,418	25/01/2011	7,876,878	Registered	P06383	116385.00130
SYSTEM AND METHOD TO ADJUST MEDICAL IMAGING EQUIPMENT	Divisional	United States of America	16/04/2009	12/425,028	11/09/2012	8,265,369	Registered	P06445	116385.00134
DIRECT CONNECTION SINGLE USER-INTERFACE CONTROL OF MULTIPLE COMPUTERS AND DISPLAYS	National	United States of America	22/04/2009	12/428,168	12/04/2011	7,925,057	Registered	P04883	116385.00135
METHODS OF POPULATING A THIRD-PARTY DOCUMENT WITH DIGITAL INFORMATION CONTENT	Continuation in Part	United States of America	22/06/2009	12/488,877	13/03/2012	8,135,889	Registered	P07402	116385.00136
METHOD AND SYSTEM FOR AUTOMATIC INTRA-ORAL SENSOR LOCATING FOR IMAGE ACQUISITION	Continuation in Part	United States of America	13/08/2009	12/540,618	12/11/2013	8,584,149	Registered	P05380	116385.00137
THIRD PARTY ACQUISITION OF IMAGES AT THE DIRECTION OF AN INDEPENDENT IMAGING APPLICATION	Continuation in Part	United States of America	28/08/2009	12/549,683	30/11/2010	7,844,092	Registered	P05379	116385.00145
			16/12/2009	12/639,143	11/09/2012	8,265,729	Registered	P04696	116385.00148

Title	Category	Country	App. Date	App. No.	Reg. Date	Reg. No.	Status	Family	HLP Ref.
SYSTEM AND METHOD FOR DENTITION-SPECIFIC IMAGE ENHANCEMENT	National	United States of America	07/05/2010	12775,681	28/02/2017	9,579,073	Registered	P07584	116385.00150
SYSTEM AND METHODS OF RENDERING INTERIOR SURFACES OF 3D VOLUMES TO BE VIEWED FROM AN EXTERNAL VIEWPOINT	National	United States of America	30/08/2010	12/870,882	21/01/2014	8,633,929	Registered	P07639	116385.00158
REAL-TIME APPLICATION OF FILTERS BASED ON IMAGE ATTRIBUTES	National	United States of America	14/06/2011	13/159,526	29/04/2014	8,712,181	Registered	P07919	116385.00169
AUTOMATIC SPATIAL ADJUSTMENT OF A PAN-ORAL X-RAY SOURCE IN RESPONSE TO THE ACTUAL DENTITION OF A PATIENT	PCT National Phase	European Patent Office	04/12/2009	09835492.1	13/05/2015	2381881	EP Granted	P06383	116385.00173
APPARATUS AND METHOD FOR VIRTUAL FLAW REMOVAL FROM X-RAY SENSITIVE PLATES	PCT National Phase	European Patent Office	04/03/2010	10764791.9	26/08/2015	2419019	EP Granted	P06445	116385.00174
SYSTEM AND METHOD TO CAPTURE AN IMAGE OVER THE WEB	National	United States of America	13/02/2014	14/179,627	13/09/2016	9,443,031	Registered	116385.00185	116385.00185
AUTOMATIC SPATIAL ADJUSTMENT OF A PAN-ORAL X-RAY SOURCE IN RESPONSE TO THE ACTUAL DENTITION OF A PATIENT	EP National Stage	Finland	04/12/2009	09835492.1	13/05/2015	2381881	Registered	P06383	116385.00209
AUTOMATIC SPATIAL ADJUSTMENT OF A PAN-ORAL X-RAY SOURCE IN RESPONSE TO THE ACTUAL DENTITION OF A PATIENT	EP National Stage	France	04/12/2009	09835492.1	13/05/2015	2381881	Registered	P06383	116385.00210
AUTOMATIC SPATIAL ADJUSTMENT OF A PAN-ORAL X-RAY SOURCE IN RESPONSE TO THE ACTUAL DENTITION OF A PATIENT	EP National Stage	Germany	04/12/2009	09835492.1	13/05/2015	60200903127 07	Registered	P06383	116385.00214
APPARATUS AND METHOD FOR VIRTUAL FLAW REMOVAL FROM X-RAY SENSITIVE PLATES	EP National Stage	Finland	04/03/2010	10764791.9	26/08/2015	2419019	Registered	P06445	116385.00220
APPARATUS AND METHOD FOR VIRTUAL FLAW REMOVAL FROM X-RAY SENSITIVE PLATES	EP National Stage	France	04/03/2010	10764791.9	26/08/2015	2419019	Registered	P06445	116385.00221
APPARATUS AND METHOD FOR VIRTUAL FLAW REMOVAL FROM X-RAY SENSITIVE PLATES	EP National Stage	United Kingdom	04/03/2010	10764791.9	26/08/2015	2419019	Registered	P06445	116385.00223
SYSTEM AND METHOD FOR OPENING AND ACTIVATING APPLICATIONS, WINDOW OR DATA SETS BASED ON SEARCH CRITERIA	PCT National Phase	Canada	13/02/2002			2,437,712	Registered	116385.00243	116385.00243
SYSTEM AND METHOD FOR OPENING AND ACTIVATING APPLICATIONS, WINDOWS OR DATA SETS BASED ON SEARCH CRITERIA	National	France	13/02/2002			EP1362305	Registered	116385.00244	116385.00244
SYSTEM AND METHOD FOR OPENING AND ACTIVATING APPLICATIONS, WINDOWS OR DATA SETS BASED ON SEARCH CRITERIA	National	United Kingdom	13/02/2002			EP1362305	Registered	116385.00244	116385.00245
SYSTEM AND METHOD FOR OPENING AND ACTIVATING APPLICATIONS, WINDOWS OR DATA SETS BASED ON SEARCH CRITERIA	National	United States of America	15/02/2001	09/783,582	23/03/2004	6,711,564	Registered	116385.00244	116385.00246

Title	Category	Country	App. Date	App. No.	Reg. Date	Reg. No.	Status	Family	HLP Ref.
SYSTEM AND METHOD FOR PERFORMANCE MONITORING OF MEDICAL IMAGING EQUIPMENT AND TECHNICIANS	National	United States of America					Not yet filed	116385.0 0260	116385.00260
SYSTEM AND METHOD FOR PROMPTING CALIBRATION ON DETECTING CHANGES IN EQUIPMENT	National	United States of America					Not yet filed	116385.0 0272	116385.00272

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RECORDED: 05/07/2020