504054331 10/18/2016 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4100995

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ			
		Name	Execution Date	
XILLIX TECHNOLOGIE	S CORP.		05/02/2007	
RECEIVING PARTY DA	ATA			
Name:	NOVADA	Q TECHNOLOGIES INC.		
Street Address:	5090 EXP	PLORER DRIVE, SUITE 202		
City:	MISSISS	AUGA, ONTARIO		
State/Country:	CANADA			
Postal Code:	L4W 4T9			
PROPERTY NUMBERS	6 Total: 1			
Property Type		Number		
Application Number:		975707		
Fax Number:	(7(
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<i>Correspondence will L using a fax number, if</i> Phone:	pe sent to th provided; i 70	he e-mail address first; if that is uns f that is unsuccessful, it will be sen 37607730		
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ASSIGNMENT OF INTELLECTUAL PROPERTY

WHEREAS, XIIIix Technologies Corp., a Canadian corporation having a principal place of business at #100- 13775 Commerce Parkway, Richmond, British Columbia, BC, V6V 2V4, CANADA (and which, together with its successors and assigns, is hereinafter called ASSIGNOR) is the owner by assignment of the following patents, patent applications, trademark registrations, trademark applications, service marks, and service mark registrations that are listed in Tables 1 and 2 (collectively referred to as INTELLECTUAL PROPERTY):

Christensen O'Connor Johnson Kindness PLLC Reference Number	Title / Alternate Title	Country / Patent Office / Treaty	Serial No. or Patent No.	Date Filed / Number
XILL-1-09352	Endoscopic imaging system for diseased tissue	US	US 5,769,792 I: June 23, 1998	Арліі 15, 1996 08/632,018
XILL-1-10696	Endoscopic imaging system for diseased tissue	Germany	DE 692 12 382 C0 I: Aug. 29, 1996	May 5, 1992 92850098.2
XILL-1-24124 or F1- 03672A3Q	Endoscopic Imaging system for diseased tissue	Japan	JP 3823096 I: June 30, 2008	May 8, 1992 (May 7, 2003) JP 2003-129568
XILL-1-19189 or F1- 02672B51	Endoscopic Imaging system for diseased tissue	Japan	JP 3810337 I: June 2, 2008	May 8, 1992 JP 2002-131033 (May 2, 2002 actual)
XILL-1-10695	Endoscopic imaging system for diseased tissue	France	FR 0 512 965 I; July 24, 1996	May 5, 1992 92850098.2
XILL-1-10698	Endoscopic imaging system for diseased tissue	Italy	IT 0 512 965 I: July 24, 1996	May 5, 1992 92850098.2
XILL-1-09363 or F1- 00672F19	Endoscopic imaging system for diseased tissue	Japan	JP 3317409 I: June 14, 2002	May 8, 1992 JP 04-116401 (1992)
XILL-1-08546	Endoscopic Imaging system for diseased tissue	FR; IT; DE; GB	EP 0512965B1 I: July 24, 1996	92850098.2 May 5, 1992
XILL-1-10697	Endoscopic imaging system for diseased tissue	UK	GB 0 512 965 I: July 24, 1996	May 5, 1992 92850098.2
XILL-1-08392	Endoscopic imaging system for diseased tissue	US	US 5,507,287 I: April 16, 1996	April 27, 1995 08/428,494
XILL-1-09362	Endoscopic Imaging system for diseased tissue	Canada	CA 2,042,075 Jan. 23, 2001	May 8, 1991
XILL-1-07522	A system and method for imaging diseased tissue using integrated autofluorescence	US	US 5,590,660 I: Jan. 7, 1997	March 28, 1994 08/218,662
XILL-1-15468	Apparatus and method for imaging diseased tissue using integrated autofluorescence	Germany	DE 695 18 915 C0 I: Oct. 26, 2000	Mar. 24, 1995 95912989.1
XILL-1-16198 or F1- 00672S73	Apparatus and method for Imaging diseased tissue using integrated autofluorescence	Japan	3694667 I: July 1, 2005	March 24, 1995 JP 2001-353886
XILL-1-22231 or F1- 04672105	Apparatus and method for imaging diseased tissue using integrated autofluorescence	Japan	anna an	March 24, 1995 JP 2004-19085
XILL-1-09785	Apparatus and method for imaging diseased tissue using integrated autofluorescence	FR; IT; DE; GB	EP 0752825B1 I: Sept. 20, 2000	Mar, 24, 1995 95912989.1

Table 1: Patents and Patent Applications

(Assignor initials) <u>HR#</u> (Assignee initials)

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Christensen O'Connor Johnson Kindness PLLC Reference Number	Title / Alternate Title	Country / Patent Office / Treaty	Serial No. or Patent No.	Date Filed / Number
XILL-1-15467	Apparatus and method for imaging diseased tissue using integrated autofluorescence	France	FR 0752825 I: Sept. 20, 2000	Mar. 24, 1995 95912989.1
XILL-1-15469 Apparatus and method for imaging diseased tissue using integrated autofluorescence		Italy	IT 0 752 825 I: Sept. 20, 2000	Mar. 24, 1995 95912989.1
XILL-1-09786 or F1- 00672F20 Apparatus and method for imaging diseased tissue using integrated autofluorescence		Japan	JP 3683271 I: June 3, 2005	Mar. 24, 1995 JP 07-525317 (Application)
XILL-1-15470	Apparatus and method for imaging diseased tissue using integrated autofluorescence	UK	EP 0752825 GB 0752825R4 I: Sept. 20, 2000	Mar. 24, 1995 95912989.1
XILL-1-23092	Endoscope having an Integrated CCD sensor / Apparatus and method for Imaging diseased tissue using integrated autofluorescence	FR; DE; GB	EP 1472972B1 I: Oct. 11, 2006	March 24, 1995 04018813.8
XILL-1-27905	Endoscope having an Integrated CCD sensor / Apparatus and method for Imaging diseased tissue using integrated autofluorescence	Germany	EP 1472972B1 I: Oct. 11, 2006	March 24, 1995 04018813.8
XILL-1-25065 Endoscope having an integrated CCD sensor		Germany	DE 69534388C0 I: Aug. 17, 2005	Mar. 24, 1995 99103430.7
XILL-1-13645 Endoscope having an integrated CCD sensor / Apparatus for imaging diseased tissue using integrated autofluorescence		FR; IT; DE; GB	EP 0 920 831B1 I: Aug. 17, 2005	March 24, 1995 99103430.7
XILL-1-27904 Endoscope having an integrated CCD sensor / Apparetus for imaging diseased tissue using integrated autofluorescence		FR	EP 1472972B1 I: Oct. 11, 2006	March 24, 1995 04018813.8
XILL-1-25064	Endoscope having an Integrated CCD sensor	France	FR 0 920 831B1 I: Aug. 17, 2005	Mar. 24, 1995 99103430.7
XILL-1-27908	Endoscope having an integrated CCD sensor / Apparatus and method for imaging diseased tissue using integrated autofluorescence	GB	EP 1472972B1 J: Oct. 11, 2008	March 24, 1995 04018813.8

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Christensen O'Connor Johnson Kindness PLLC Reference Number	Title / Alternate Title	Country / Patent Serial No. or Date F Office / Treaty Patent No.		Date Filed / Number
XILL-1-25067	Endoscope having an integrated CCD sensor / Apparatus and method for imaging diseased tissue using integrated autofluorescence	GB	GB 0 920 831B1 I: Aug. 17, 2005	Маг. 24, 1995 99103430.7
ILL-1-25066 Endoscope having an integrated CCD sensor / Apparatus and method for imaging diseased tissue using integrated autoflucrescence		Italy	IT 0 920 831B1 I: Aug. 17, 2005	Маг. 24, 1995 99103430.7
XILL-1-09771	Endoscope having an integrated CCD sensor	US	US 5,827,190 I: Oct. 27, 1998	Aug. 19, 1998 08/699,607
XILL-1-21248	imaging system for detecting diseased tissue using native fluorescence in the gastrointestinal and respiratory tract	Germany	DE 69725361C0 EP 0792618B1 I: Oct. 8, 2003 (November 13, 2003)	Jan. 31, 1997 97300654.7
(ILL-1-20721	Imaging system for detecting diseased tissue using native fluorescence in the gastrointestinal and respiratory tract	Europe	Abandoned	Jan. 31, 1997 03010552.2
XILL-1-10334	Imaging system for detecting diseased tissue using native fluorescence in the gastrointestinal and	FR; IT; DE; GB	EP 0792618B1 I: Oct. 8, 2003	Jan. 31, 1997 97300654.7
XILL-1-21245	respiratory tract L-1-21245 Imaging system for detecting diseased tissue using native fluorescence in the gastrointestinal and		FR 0792618 I: Oct. 8, 2003	Jan. 31, 1997 97300654.7
XILL-1-21247	detecting diseased tissue using native fluorescence in the gastrointestinal and		IT 0792618 I: Oct. 8, 2003 Abandoned	Jan. 31, 1997 97300654.7
XILL-1-10335 or F1- 00672F21			JP 3022377 I: Jan. 14, 2000	Feb. 28, 1997 JP 09-046303 (1997)
XILL-1-21248	Imaging system for detecting diseased tissue using native fluorescence in the gastrointestinal and respiratory tract	United Kingdom	GB 0792618 I: Oct. 8, 2003	Jan. 31, 1997 97300654.7
XILL-1-08737	Imaging system for detecting diseased tissue using native fluorescence in the gastrointestinal and respiratory tract	US	US 5,647,368 I: July 15, 1997	Feb. 28, 1996 08/608,185
XILL-1-09294	Diagnosis by means of fluorescent light emission from tissue	US	US 5,115,137 I: May 19, 1992	Feb. 21, 1990 598,716
XILL-1-09327	Improvements in diagnosis by means of fluorescent light emission from tissue	Canada	CA 2,027,561 I: Feb. 20, 2001	

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Christensen O'Connor Johnson Kindness PLLC Reference Number	Title / Alternate Title	Country / Patent Office / Treaty	Serial No. or Patent No.	Date Filed / Number	
XILL-1-09328	Improvements in diagnosis by means of fluorescent light emission from tissue	Germany	DE 69015916 I: Feb. 23, 1995	Feb. 21, 1990 90903982.8	
ILL-1-21316 or F1- Improvements in diagnosis by means of fluorescent light emission from tissue / Method for measuring tissue characteristics of fluorescence		Japan	JP 3773921 I: Feb. 24, 2006	Feb. 21, 1990 JP 2003-177376	
XILL-1-10358	Improvements in diagnosis by means of fluorescent light emission from tissue	France	FR 0 411 104 I: Jan. 11, 1995	Feb. 21, 1990 90903982.8	
XILL-1-10359	Improvements in diagnosis by means of fluorescent light emission from tissue	Italy	IT 0 411 104 I: Jan. 11, 1995	Feb. 21, 1990 90903982.8	
XILL-1-09329 or F1- 00672F17	Improvements in diagnosis by means of fluorescent light emission from tissue / Diagnostics	Japan	JP 3187416 I: May 11, 2001	Feb. 21, 1990 JP 02-504293 (1990	
XILL-1-10363	Improvements in diagnosis by means of fluorescent light emission from tissue	UK	GB 0 411 104 i: Jan. 11, 1995	Feb. 21, 1990 90903982.8	
XILL-1-19565 Improvements in diagnosis by means of fluorescent light emission from tissue / An apparatus for measuring properties of tissue by using fluorescent light		Japan	JP 3497854 I: Nov. 28, 2003	Feb. 21, 1990 2002-222126	
XILL-1-25867 Imaging system with automatic gain control for reflectance and		Germany	DE 69926120.1 I: July 13, 2005	Apr. 9, 1999 99916553.3	
fluorescence endoscopy (ILL-1-16248 Imaging system with automatic gain control for reflectance and fluorescence endoscopy		FR; IT; DE; GB	EP 1073365B1 I: July 13, 2005	Apr. 9, 1999 99916553.3	
XILL-1-25866	automatic gain control for reflectance and		EP 1073365B1 I: July 13, 2005	Apr. 9, 1999 99916553.3	
XILL-1-25868	fluorescence endoscopy -1-25868 Imaging system with automatic gain control for reflectance and fluorescence endoscopy		EP 1073365B1 I: July 13, 2005	Apr. 9, 1999 99916553.3	
XILL-1-25869	Imaging system with automatic gain control for reflectance and fluorescence endoscopy	GB	EP 1073365B1 I: July 13, 2005	Apr. 9, 1999 99916553.3	
XILL-1-10864			US 6,462,770B1 1: Oct. 8, 2002	Apr. 20, 1998 09/084,667	
XILL-1-17728	Compact Fluorescence Endoscopy Video System	US	US 6,821,245B2 I: Nov. 23, 2004	July 13, 2001 09/905,642 US 2002-035330A1	
XILL-1-27701	Compact Fluorescence Endoscopy Video System	DE	EP 1301118B1 I: Sept. 6, 2006	July 13, 2001 01952737.3	

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Christensen O'Connor Johnson Kindness PLLC Reference Number	Title / / Alternate Title	Country / Patent Office / Treaty	Serial No. or Patent No.	Date Filed / Number
XILL-1-23334	Compact Fluorescence Endoscopy Video System	US		July 26, 2004 10/899,648
XILL-1-25447	Compact Fluorescence Endoscopy Video System	Europe		7/13/2001 06018475.1 EP1731087A2
XILL-1-20348	20348 Compact Fluorescence Endoscopy Video System		EP 1301118B1 I: Sept. 6, 2006	July 13, 2001 01952737.3
XILL-1-27700	Compact Fluorescence Endoscopy Video System	FR	FR 1301118B1 I: Sept. 6, 2006	July 13, 2001 01952737.3
XILL-1-20347 or F1- 03672015	Compact Fluorescence Endoscopy Video System	Japan		July 13, 2001 JP 2002-513333 PCT/US01/22198
XILL-1-24362 or F1- 04672ARV	Compact Fluorescence Endoscopy Video System	Japan		July 13, 2001 (August 13, 2004) JP 2004-236194
XILL-1-27702	(ILL-1-27702 Compact Fluorescence Endoscopy Video System		GB 1301118B1 I: Sept. 6, 2006	July 13, 2001 01952737.3
XILL-1-23221	-23221 Portable system for detecting skin abnormalities		DE 60014702 I: Oct. 6, 2004	Dec. 14, 2000 986421.6
XILL-1-19015	Portable system for detecting skin abnormalities	FR; IT; DE; GB	EP 1239771B1 I: Oct. 6, 2004	Dec. 14, 2000 00986421.6
XILL-1-23220	Portable system for detecting skin abnormalities	France	FR 1239771B1 I: Oct. 6, 2004	Dec. 14, 2000 986421.6
XILL-1-23222			IT 1239771B1 I: Oct. 6, 2004	Dec. 14, 2000 986421.6
XILL-1-19016				Dec. 14, 2000 JP2001-546299 (Actual Jun 11, 2002)
XILL-1-23223	Portable system for detecting skin abnormalities	UK	GB 1239771B1 I: Oct. 6, 2004	Dec. 14, 2000 986421.6
XILL-1-10865	Portable system for detecting skin abnormalities based on characteristic autofluorescence	US	US 6,603,552B1 I: Aug. 5, 2003	Dec. 22, 1999 US 09/469,562
XILL-1-24459 Fluorescence endoscopy video systems with no moving parts in the camera		Europe	allen yn yn dy'r fa'r fyl a gallen a'r fernan y fernan yn	Jan. 13, 2003 (Dec. 14, 2004) 04078385.4
XILL-1-23189	Fluorescence endoscopy video systems with no moving parts in the camera	Japan	19 de construction de la construcción de la const	Jan. 13, 2003 JP 2003-559330
XILL-1-20420	Fluorescence endoscopy video systems with no moving parts in the	PCT		Jan. 13, 2003 PCT/IB03/00806

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Christensen O'Connor Johnson Kindness PLLC Reference Number	Title / Alternate Title	Country / Patent Office / Treaty	Serial No. or Patent No.	Date Filed / Number
XILL-1-23188	Fluorescence endoscopy video systems with no moving parts in the camera	Europe		Jan. 13, 2003 03729535.9
XILL-1-18505	Fluorescence endoscopy video systems with no moving parts in the camera	US	US 6,899,675B2 I: May 31, 2005	Jan. 15, 2002 US 10/050,601
XILL-1-24075				Dec. 10, 2004 11/009,985
XILL-1-23923	Fluorescence endoscopy video systems with no moving parts in the camera	US		Dec. 10, 2004 11/009,398
XILL-1-24097	Improved cameras	US		Jan. 23, 2007 11/626,308
ILL-1-28172 Device for short wavelength visible reflectance endoscopy using broadband illumination		PCT		Oct. 11, 2006 PCT/CA2006/001658
XILL-1-27968	Device for short wavelength visible reflectance endoscopy using broadband illumination and image processing techniques	US		Oct. 10, 2006 11/546,013
(ILL-1-26557	Device for short wavelength visible reflectance endoscopy using broadband illumination and image processing techniques	US		Oct. 17, 2005 60/727,479
(ILL-1-27443	Filter for use with imaging endoscopes	PCT		PCT/CA2006/000689 (WO 2006/116847) April 27, 2006
(ILL-1-25006 or F8-)5G23B5H/TO78	Filter for use with imaging endoscopes	US		May 4, 2005 11/122,267
(ILL-1-27419	Filter for use with imaging endoscopes	US	* · · · · · · · · · · · · · · · · · · ·	April 26, 2006 11/412,715
ILL-1-27825	Applicator and system for deposition and removal of an optical filter on an endoscope objective	US		July 28, 2006 60/833,697
ILL-1-28768	Imaging system with a single color image sensor for simultaneous fluorescence and color video endoscopy	US		Dec. 22, 2006 60/876,597
(ILL-1-29005	Illumination with LEDs for White Light and Fluorescence Endoscopy	US		Mar. 27, 2007 60/908,373

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Table 2: Trademarks, Trademark applications, Trademark registrations, Service marks, service mark applications and service mark registrations

Christensen O'Connor Johnson Kindness PLLC Reference Number	Mark	Country / Office	Registration Number or Serial Number	Date Filed / Number
XILL-2-30403	Discover Life	Europe	3581411 I: July 22, 2005	December 12, 2003 Application. 3,581,411
XILL-2-30404	Discover Life	Japan	4829122 i: Dec. 12, 2003 (Dec. 24, 2004)	Dec. 12, 2003 110905/2003
XILL-2-29954	Discover Life	US	••••••••••••••••••••••••••••••••••••••	August 21, 2003 78/290,390
XILL-2-29839	First in Fluorescence Endoscopy	US		August 1, 2003 78/282,023
XILL-2-34318	LIFE Luminus	US		78/940,324
XILL-2-29838	Onco-LIFE	US	3,069,009 I: March 14, 2006	August 1, 2003 78/282,000
XILL-2-30508	Onco-LIFE	Japan	4829125 I: Dec. 24, 2004	Jan. 13, 2004 2004/2014
XILL-2-30344	Onco-LIFE	Europe	3549383 I: Sept. 29, 2005	November 20, 2003 3549383
XILL-2-30349	Seeing Cancer in a New Light	Japan	4840152 I: Feb. 18, 2005	Nov. 21, 2003 2003/103780
XILL-2-30348	Seeing Cancer in a New Light	Europe	3549177 1: Oct. 31, 2005	Nov. 20, 2003 Application. 3549177
XILL-2-29840	Seeing Cancer in a New Light	US		August 1, 2003 78/282,016
XILL-2-33168	Xillix first in fluorescence endoscopy	Japan	5013012 I: Dec. 22, 2006	Dec. 8, 2005 114916/2005
XILL-2-33229	Xillix first in fluorescence endoscopy	Europe		Dec 28/05 4829867
XILL-2-29144	XIIIIx first in fluorescence endoscopy	US	Abandoned	Jan 31, 2003 78/209,607
XILL-2-30603	XIIIix	Europe	3664811 I: Sept. 29, 2005	February 16, 2004 Application 3664811
XILL-2-12561	Xillix	US	1,755,106 I: Mar. 2, 1993	April 23, 1991 74/160,031
XILL-2-16835	Xillix	Canada	397,160 I: Apr. 10, 1992	April 22, 1991 680,429
XILL-2-12264	XIIIix	Germany	2092548 I: Mar. 13, 1995	June 8, 1994 X 744/9 Wz
XILL-2-12266	Xillix	UK	1574438 I: Oct. 24, 1997	June 7, 1994 1574438
XILL-2-12263	Xillix	France	94523909 I: Feb. 10, 1995	June 9, 1994 94/523909

(Assignor initials) <u>المعلم</u> (Assignee initials)

Assignment Page 8 of 9

N1/9011

Table 2 (Continued)					
Christensen O'Connor Johnson Kindness PLLC Reference Number	Mark	Country / Office	Registration Number or Serial Number	Date Filed / Number	
XILL-2-13990	Xillix	Japan	4009359 I: June 6, 1997	Aug. 25, 1995 1995-87855	
XILL-2-12265	XIIIIx	Japan	3371192 I: Feb. 26, 1999	June 20, 1994 1994-60030	

and, WHEREAS, NOVADAQ TECHNOLOGIES INC., a Canadian corporation having an address at 2585 Skymark Avenue, Suite 306 Mississauga, Ontario, Canada L4W 4L5, CANADA (which together with its successors and assigns is hereinafter called ASSIGNEE) is desirous of acquiring the entire right, title, and interest in and to the INTELLECTUAL PROPERTY;

NOW, THEREFORE, for sufficient, good, and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto ASSIGNEE said INTELLECTUAL PROPERTY to be held and enjoyed by ASSIGNEE as entirely as the same would have been held and enjoyed by ASSIGNOR had this sale, assignment, and transfer not been made. ASSIGNOR without reservation:

- (a) hereby sells, assigns, and transfers unto ASSIGNEE the entire right, title and interest in and to said patents and patent applications, including inventions and discoveries disclosed therein, and any and all other applications for patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, Convention and non-Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all patents, reissues, reexaminations, and extensions of patents granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said patents;
- (b) hereby authorizes Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise; and hereby authorizes Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
- (c) hereby grants the Assignee the right to sue an infringer for a past infringement of said INTELLECTUAL PROPERTY;
- (d) hereby sells, assigns, and transfers unto ASSIGNEE the goodwill of the business symbolized by each of the trademarks and service marks contained in the INTELLECTUAL PROPERTY;
- (e) hereby sells, assigns, and transfers unto ASSIGNEE the entire right, title and interest in and to said trademarks, trademark applications, trademark registrations, service marks, service mark applications, and service mark registrations, and any and all other applications for trademark or service mark registration on said trademarks and service marks in whatsoever countries, including all Convention and non-Convention applications based in whole or in part upon said INTELLECTUAL PROPERTY, and every priority right that is or may be predicated upon or arise from said INTELLECTUAL PROPERTY; and
- (f) hereby authorizes Assignee to file trademark or service mark applications in any or all countries, on any or all of said trademarks or service marks, in the name of Assignee or otherwise as Assignee may deem advisable, under any convention or otherwise; and hereby authorizes Assignee to file trademark or service mark applications in any or all countries on any or all of said trademarks or service mark applications in any or all countries on any or all of said trademarks or service marks in the name of Assignee or otherwise as Assignee may deem advisable, under any convention or otherwise.

(Assignor initials)

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ASSIGNOR hereby further agrees and promises to cooperate and execute all instruments and render all such assistance as ASSIGNEE may request in order to prosecute or enforce said INTELLECTUAL PROPERTY, and to confirm in ASSIGNEE legal title to said INTELLECTUAL PROPERTY, all without charge to ASSIGNEE but at no expense to ASSIGNOR.

Executed at ______ (city), Canada, this ____ day of May 2007

Xillix Technologies Corp. (ASSIGNOR) (by its court-appointed Interim Receiver, PriceWaterhøuseCoopers), T--- (ASSIGNOR)

Novadaq Technologies Inc. (ASSIGNEE)

Name: Arun Monawat - Karni Hamilton Title: CEO & President Vice President, Corporate Ma Uncerforment

Name: Michael J. Vermette Title: Senior Vice President

Witness (Notan

GARY R. SOLLIS Barrister & Solicitor FRASER MILNER CASGRAIN LLP 1500-1040 West Georgia Street Vancouver, B.C. V6E 4H8 Jelephone (604) 687-4460

(Assignor initials)

PATENT REEL: 040041 FRAME: 0353

RECORDED: 10/18/2016