

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PHYLOGY, INC.	02/18/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ACTELIS NETWORKS, INC.
<b>Street Address:</b>	6150 STEVENSON BLVD.
<b>City:</b>	FREMONT
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94538
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	11707304
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(646)878-0801
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	646-878-0800
<b>Email:</b>	USPTO@pczlaw.com
<b>Correspondent Name:</b>	Pearl Cohen Zedek Latzer, LLP
<b>Address Line 1:</b>	1500 Broadway
<b>Address Line 2:</b>	12th Floor
<b>Address Line 4:</b>	New York, NEW YORK 10036
<b>ATTORNEY DOCKET NUMBER:</b>	P-74860-US
<b>NAME OF SUBMITTER:</b>	SHARON BRAUDE

**CH \$40.00 11707304**

**Total Attachments: 16**  
 source=P-74860-US-FASS-12APR11#page1.tif  
 source=P-74860-US-FASS-12APR11#page2.tif  
 source=P-74860-US-FASS-12APR11#page3.tif  
 source=P-74860-US-FASS-12APR11#page4.tif

**501498850**

**PATENT**  
**REEL: 026111 FRAME: 0826**

source=P-74860-US-FASS-12APR11#page5.tif  
source=P-74860-US-FASS-12APR11#page6.tif  
source=P-74860-US-FASS-12APR11#page7.tif  
source=P-74860-US-FASS-12APR11#page8.tif  
source=P-74860-US-FASS-12APR11#page9.tif  
source=P-74860-US-FASS-12APR11#page10.tif  
source=P-74860-US-FASS-12APR11#page11.tif  
source=P-74860-US-FASS-12APR11#page12.tif  
source=P-74860-US-FASS-12APR11#page13.tif  
source=P-74860-US-FASS-12APR11#page14.tif  
source=P-74860-US-FASS-12APR11#page15.tif  
source=P-74860-US-FASS-12APR11#page16.tif

**INTELLECTUAL PROPERTY ASSIGNMENT**

For valuable consideration, Phylogy, Inc., a California corporation (hereinafter called the "Assignor") hereby assigns and transfers unto Actelis Networks, Inc., a Delaware corporation, and its successors and assigns (collectively hereinafter called the "Assignee"), and Assignee accepts such assignment and transfer, of the entire right, title and interest throughout the world in the intellectual property described in the attached **Schedule A**. This assignment includes all listed United States and foreign patents (including registrations and applications therefor) and utility models and design registrations granted for any of said intellectual property, and the right to claim priority based on the filing date of said applications under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. The Assignor authorizes the Assignee to apply in all countries in Assignor's name, where applicable, or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said intellectual property. The Assignor agrees for itself and its respective successors, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Assignor *R Markey* 2/18/11  
Name: RANDOLPH MARKEY Date  
Title: \_\_\_\_\_  
Assignee \_\_\_\_\_  
Name: \_\_\_\_\_ Date  
Title: \_\_\_\_\_

ACKNOWLEDGMENT  
State of Ohio )

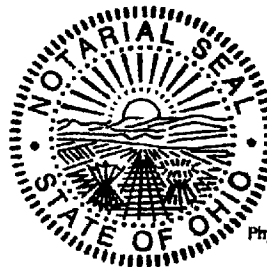
) ss:  
County of Cuyahoga

On this 17th day of Feb., 11 before me, the undersigned, personally appeared Randolph Markey, personally known to me or proved to me on the basis of satisfactory evidence to be the person who executed this instrument on behalf of the corporation named herein, and acknowledged that s/he executed it in such representative capacity.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

*Donna M. Wretschko*  
Notary Public

My Commission Expires on Nov. 30, 2014



DONNA M. WRETSCHKO  
NOTARY PUBLIC  
FOR THE  
STATE OF OHIO  
My Commission Expires  
November 30, 2014

Phylogy IP Assignment

**INTELLECTUAL PROPERTY ASSIGNMENT**

For valuable consideration, Phylogy, Inc., a California corporation (hereinafter called the "Assignor") hereby assigns and transfers unto Actelis Networks, Inc., a Delaware corporation, and its successors and assigns (collectively hereinafter called the "Assignee"), and Assignee accepts such assignment and transfer, of the entire right, title and interest throughout the world in the intellectual property described in the attached **Schedule A**. This assignment includes all listed United States and foreign patents (including registrations and applications therefor) and utility models and design registrations granted for any of said intellectual property, and the right to claim priority based on the filing date of said applications under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. The Assignor authorizes the Assignee to apply in all countries in Assignor's name, where applicable, or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said intellectual property. The Assignor agrees for itself and its respective successors, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Assignor \_\_\_\_\_ Date \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Assignee Vivik Pagan 2/18/11  
Name: \_\_\_\_\_ Date \_\_\_\_\_  
Title: \_\_\_\_\_

**ACKNOWLEDGMENT**

State of \_\_\_\_\_ )

) ss:

County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, before me, the undersigned, personally appeared \_\_\_\_\_, personally known to me or proved to me on the basis of satisfactory evidence to be the person who executed this instrument on behalf of the corporation named herein, and acknowledged that s/he executed it in such representative capacity.

**IN WITNESS WHEREOF**, I have hereunto set my hand and official seal.

\_\_\_\_\_  
Notary Public

My Commission Expires on \_\_\_\_\_

*See attached*

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

CIVIL CODE § 1189

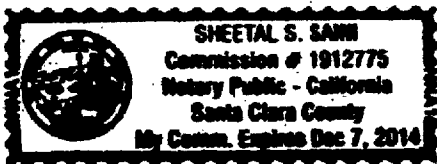
State of California

County of Santa Clara

On 2/18/11  
Date

before me, Sheetal S. Saini, Notary Public  
Here Insert Name and Title of the Officer

personally appeared Vivek Raganan  
Name(s) of Signer(s)



who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: [Handwritten Signature]

Place Notary Seal Above

Signature of Notary Public

**OPTIONAL**

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.*

**Description of Attached Document**

Title or Type of Document: \_\_\_\_\_

Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_

- Corporate Officer — Title(s): \_\_\_\_\_
- Individual
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_

RIGHT THUMBPRINT OF SIGNER

Top of thumb here

Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_

- Corporate Officer — Title(s): \_\_\_\_\_
- Individual
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_

RIGHT THUMBPRINT OF SIGNER

Top of thumb here

Signer Is Representing: \_\_\_\_\_

Schedule A to Assignment

IP Assets

1. 1100 (Patent No. 1) - Amplifier for Unshielded Twisted Pair

<b>Docket No.</b>	<b>Country</b>	<b>SN (Appl. No.)</b>	<b>Filing Date</b>	<b>Comments</b>
<b>P002-1100US</b>	<b>US</b>	<b>10/889,090</b>	<b>July 12, 2004</b>	<b>Issued U.S Pat. No. 7,110,528; Sept. 19, 2006</b>  <b>Maint Fees: 3/16/2010 (Paid)</b>  <b>3/16/2014</b>  <b>3/16/2018</b>
<b>1100WO</b>	<b>PCT</b>	<b>PCT/US05/024576</b>	<b>11 July 2005</b>	<b>COMPLETED</b>
<b>1100AU</b>	<b>Australia</b>	<b>2005271863</b>		<b>Granted</b>  <b>Pat. No 2005271863</b>  <b>September 3, 2009</b>
<b>1100BR</b>	<b>Brazil</b>	<b>PI 051 2919-2</b>	<b>Jan 2, 2007</b>	<b>(PCT National Pending)</b>
<b>1100CA</b>	<b>Canada</b>	<b>2,571,245</b>	<b>9-19-2006</b>	<b>Granted</b>  <b>2,571,245</b>  <b>October 10, 2010</b>
<b>1100CN</b>	<b>China</b>	<b>200580023512.9</b>	<b>12 Jan 2007</b>	<b>ABANDONED</b>
<b>1100CO</b>	<b>Columbia</b>	<b>07013167</b>	<b>9 Feb 2007</b>	<b>ABANDONED</b>

<b>Bucket No. P002</b>	<b>Country</b>	<b>SN (Appl. No.)</b>	<b>Filing Date</b>	<b>Comments</b>
1100EP	EPO	05771261.4	11 July 2005	PENDING
1100HK	Hong Kong	07112729.6	21 Nov. 2007	ABANDONED
1100ID	Indonesia	W-00200700081		ABANDONED
1100IL	Israel	180160	11/07/2005	ABANDONED
1100IN	India	208/KOLNP/207	17/01/2007	ABANDONED
1100JP	Japan	2007-521542		ABANDONED
1100KR	Korea	10-2007-7003365	Feb. 12, 2007	Granted KR Pat. No. 10-0921163
1100KZ	Kazakstan	2007/1508.1	11 July 2005	ABANDONED
1100MX	Mexico	MX/a/2007/00051 1	July 11, 2005	Granted MX Pat. No. 264140; January 28, 2009

<b>Docket No.</b> P002	<b>Country</b>	<b>SN (Appln. No.)</b>	<b>Filing Date</b>	<b>Comments</b>
1100NO	Norway	20070801	12-02-07	ABANDONED
1100NZ	New Zealand	552234	11 July 2005	ABANDONED
1100PH	Philippines	1-2007-500099	January 10, 2007	ABANDONED
1100RU	Russia	2007105159	11 July 2005	Granted 2,362,269 20 July 2009
1100SG	Singapore	2007001662	11 July 2005	Granted Pat No. 128955 [WO 2006/017236] 30 April 2009
1100UA	Ukraine	A200701313/M	11 July 2005	Granted 86429 20 April 2009



2. 1110 (Patent No. 2) - Derived Power (Powering Electronics Assd. w/  
Telephone Twisted Pair)

<b>Docket No</b>	<b>Country</b>	<b>SN (Apph. No.)</b>	<b>Filing Date</b>	<b>Comments</b>
<b>1110US</b>	<b>US</b>	<b>11/247,772</b>	<b>Oct 11, 2005</b>	<b>Issued</b> <b>7,706,526</b> <b>April 27, 2010</b>
<b>1110WO</b>	<b>PCT</b>	<b>PCT/US06/ 36677</b>	<b>19 Sept. 2006</b>	<b>Completed</b>
<b>1110AR</b>	<b>Argentina</b>	<b>P 06 01 04312</b>	<b>29 Sept. 2006</b>	<b>ABANDONED</b>
<b>1110TW</b>	<b>Taiwan (R.O.C.)</b>	<b>95134589</b>	<b>19 Sept. 2006</b>	<b>ABANDONED</b>
<b>1110VE</b>	<b>Venezuela</b>	<b>2006-2188</b>	<b>25 Sept. 2006</b>	<b>ABANDONED</b>
<b>1110AU</b>	<b>Australia</b>	<b>2006302959</b>	<b>3 April 2008</b>	<b>Pending</b>
<b>1110BR</b>	<b>Brazil</b>			<b>(PCT National Pending)</b>
<b>1110CA</b>	<b>Canada</b>			<b>Granted</b> <b>2,624,727</b> <b>December 7, 2010</b>

<b>Docket No.</b>	<b>Country</b>	<b>SN (Appl. No.)</b>	<b>Filing Date</b>	<b>Comments</b>
<b>1110C N</b>	<b>China</b>			<b>ABANDONED</b>
<b>1110C O</b>	<b>Colombia</b>	<b>08046189</b>	<b>7 May 2008</b>	<b>ABANDONED</b>
<b>1110E P</b>	<b>EPO</b>	<b>06815036.6-1246</b>		<b>Pending</b>
<b>1110H K</b>	<b>Hong Kong</b>	<b>07112729</b>	<b>21-11-2007</b>	<b>ABANDONED</b>
<b>1110ID</b>	<b>Indonesia</b>	<b>W-00200801128</b>	<b>Apr. 7, 2008</b>	<b>ABANDONED</b>
<b>1110IL</b>	<b>Israel</b>	<b>190104</b>	<b>March 11, 2008</b>	<b>ABANDONED</b>
<b>1110IN</b>	<b>India</b>	<b>1034/KOLNP/ 2008</b>	<b>10 March 2008</b>	<b>Pending</b>
<b>1110JP</b>	<b>Japan</b>	<b>2008-535542</b>	<b>March 26, 2008</b>	<b>ABANDONED</b>
<b>1110K R</b>	<b>South Korea</b>	<b>10-2008-7011054</b>	<b>May 8, 2008</b>	<b>ABANDONED</b>
<b>1110K</b>	<b>Kazakhstan</b>	<b>2008/1562.1</b>	<b>19 Sept 2006</b>	<b>ABANDONED</b>

<b>Docket No.</b> <b>P002</b>	<b>Country</b>	<b>SN (Appln. No.)</b>	<b>Filing Date</b>	<b>Comments</b>
<b>Z</b>				
<b>1110M O</b>	<b>Macao</b>			<b>ABANDONED</b>
<b>1110M X</b>	<b>Mexico</b>	<b>MX/a/2008/00476 2</b>	<b>April 10, 2008</b>	<b>Allowed Issue Fee Paid</b>
<b>1110N O</b>	<b>Norway</b>	<b>20082173</b>		<b>ABANDONED</b>
<b>1110N Z</b>	<b>New Zealand</b>	<b>567146</b>	<b>3 April 2008</b>	<b>ABANDONED</b>
<b>1110P H</b>	<b>Philippines</b>	<b>1-2008-500874</b>	<b>4/11/2008</b>	<b>ABANDONED</b>
<b>1110R U</b>	<b>Russia</b>	<b>2008117844</b>	<b>19 Sept 2006</b>	<b>ABANDONED</b>
<b>1110S G</b>	<b>Singapore</b>	<b>2008-02761-7</b>	<b>19 Sept 2006</b>	<b>ABANDONED</b>
<b>1110U A</b>	<b>Ukraine</b>	<b>a2008 05950/M</b>	<b>19 Sept 2006</b>	<b>ABANDONED</b>
<b>1110Z</b>				<b>Granted</b>

<b>Docket No.</b> <b>P002</b>	<b>Country</b>	<b>SN (Appl. No.)</b>	<b>Filing Date</b>	<b>Comments</b>
<b>A</b>	<b>South Africa</b>	<b>2008/02884</b>	<b>2 April 2008</b>	<b>2008/02884</b> <b>26 August 2009</b>

3. 1101 (Patent No. 3) - High Performance ADSL Line Conditioner

<b>Docket No.</b> <b>P002</b>	<b>Country</b>	<b>SN (Appl. No.)</b>	<b>Filing Date</b>	<b>Comments</b>
<b>1101U S</b>	<b>US</b>	<b>11/316,781</b>	<b>Dec. 23, 2005</b>	<b>Issued</b> <b>7,587,042</b> <b>September 8, 2009</b> <b>Maint Fees: Mar 8, 2013, 2017, 2021</b>
<b>1101W O</b>	<b>PCT</b>	<b>US2006/046772</b>	<b>Dec. 7, 2006</b>	<b>COMPLETED</b>
<b>1101A R</b>	<b>Argentina</b>	<b>P 06 01 05617</b>	<b>Dec. 19, 2006</b>	<b>ABANDONED</b>
<b>1101B O</b>	<b>Bolivia</b>	<b>SP260367</b>	<b>Dec. 22, 2006</b>	<b>ABANDONED</b>
<b>1101C L</b>	<b>Chile</b>	<b>2006-3690</b>	<b>Dec. 22, 2006</b>	<b>ABANDONED</b>
<b>1101P E</b>	<b>Peru</b>	<b>001678-06</b>	<b>Dec. 21, 2006</b>	<b>ABANDONED</b>

<b>Docket No.</b> <b>P002</b>	<b>Country</b>	<b>SN (Appl. No.)</b>	<b>Filing Date</b>	<b>Comments</b>
<b>1101T W</b>	<b>Taiwan (R.O.C.)</b>	<b>95143515</b>	<b>Nov. 24, 2006</b>	<b>ABANDONED</b>
<b>1101V E</b>	<b>Venezuela</b>	<b>2006-3020</b>	<b>Dec 21, 2006</b>	<b>ABANDONED</b>
<b>1101A U</b>	<b>Australia</b>	<b>2006333371</b>	<b>7 Dec 2006</b>	<b>Issued AU 2006333371 January 20, 2011</b>
<b>1101B R</b>	<b>Brazil</b>	<b>PI 062 0288-8</b>	<b>June 23, 2008</b>	<b>Pending</b>
<b>1101C A</b>	<b>Canada</b>			<b>Pending</b>
<b>1101C N</b>	<b>China</b>			<b>ABANDONED</b>
<b>1101C O</b>	<b>Columbia</b>			<b>ABANDONED</b>
<b>1101E P</b>	<b>EP</b>	<b>06844986.7-1246</b>		<b>Pending</b>

<b>Docket No</b> <b>P002</b>	<b>Country</b>	<b>SN (Appl. No.)</b>	<b>Filing Date</b>	<b>Comment</b>
<b>1101H K</b>	<b>Hong Kong</b>			<b>ABANDONED</b>
<b>1101ID</b>	<b>Indonesia</b>	<b>W-00200802113</b>	<b>June 23, 2008</b>	<b>ABANDONED</b>
<b>1101IL</b>	<b>Israel</b>	<b>1911779</b>	<b>07/12/2006</b> <b>27/05/2008</b>	<b>ABANDONED</b>
<b>1101IN</b>	<b>India</b>	<b>2184/ KOLNP/2008</b>	<b>30 May 2008</b>	<b>Pending</b>
<b>1101JP</b>	<b>Japan</b>	<b>2008-547278</b>	<b>June 20, 2008</b>	<b>ABANDONED</b>
<b>1101K R</b>	<b>South Korea</b>	<b>10-2008-7015267</b>	<b>June 23, 2008</b>	<b>ABANDONED</b>
<b>1101K Z</b>	<b>Kazakhstan</b>	<b>2008/1594.1</b>	<b>7 Dec 2006</b>	<b>ABANDONED</b>
<b>1101M O</b>	<b>Macao</b>			<b>ABANDONED</b>
<b>1101M X</b>	<b>Mexico</b>	<b>MX/a/2008/00818 4</b>	<b>June 20, 2008</b>	<b>Pending</b>
<b>1101N O</b>	<b>Norway</b>	<b>20083164</b>	<b>7 Dec. 2006</b>	<b>ABANDONED</b>

Docket No. P002	Country	SN (Appl. No.)	Filing Date	Comments
1101N Z	New Zealand	569033	7 Dec 2006	ABANDONED
1101P H	Philippines	1-2008-501535	6/23/2008	ABANDONED
1101R U	Russia	200804551-0	7 Dec. 2006	ABANDONED
1101S G	Singapore	200804551-0	07/12/2006	ABANDONED
1101U A	Ukraine	a 2008 09483/M	7 Dec. 2006	ABANDONED
1101Z A	South Africa	2008/04772	7 June 2006	Granted 2008/04772 October 28, 2009

4. 1120 (Patent No. 4) - Multi-Stage Differential Warping Amplifier

Docket No. P002	Country	SN (Appl. No.)	Filing Date	Comments
1120U S	US	11/707,304	Feb. 16, 2007	Pending

<b>Docket No.</b>	<b>Country</b>	<b>SN (Appl. No.)</b>	<b>Filing Date</b>	<b>Comments</b>
<b>1120W O</b>	<b>PCT</b>	<b>US2008/052855 WO 2008/100722</b>	<b>Feb. 1, 2008  21 Aug 2008</b>	<b>Completed</b>
<b>1120A R</b>	<b>Argentina</b>	<b>P08 01 00531</b>	<b>7 Feb. 2008</b>	<b>ABANDONED</b>
<b>1120B O</b>	<b>Bolivia</b>	<b>SP-0053-08</b>	<b>Feb. 15, 2008</b>	<b>ABANDONED</b>
<b>1120C L</b>	<b>Chile</b>	<b>473-2008</b>	<b>14 Feb. 2008</b>	<b>ABANDONED</b>
<b>1120P E</b>	<b>Peru</b>	<b>000319-2008</b>	<b>14 Feb. 2008</b>	<b>ABANDONED</b>
<b>1120V E</b>	<b>Venezuela</b>	<b>2008-00281</b>	<b>12 Feb. 2008</b>	<b>ABANDONED</b>
<b>1120T W</b>	<b>Taiwan</b>	<b>97102632</b>	<b>Jan. 24, 2008</b>	<b>ABANDONED</b>
<b>1120A U</b>	<b>Australia</b>			<b>No Filing</b>
<b>1120B</b>	<b>Brazil</b>			<b>No Filing</b>



<b>Docket No.</b>	<b>Country</b>	<b>SN (Applicant No.)</b>	<b>Filing Date</b>	<b>Comments</b>
<b>R</b>				
<b>1120C A</b>	<b>Canada</b>			<b>No Filing</b>
<b>1120C N</b>	<b>China</b>			<b>No Filing</b>
<b>1120E P</b>	<b>EP</b>	<b>08728870.0 (2127330)</b>	<b>1 Feb. 2008 (Int'l Filing Date)</b>	<b>Filed 16 August 2009</b>
<b>1120H K</b>	<b>Hong Kong</b>			<b>No Filing</b>
<b>1120IN</b>	<b>India</b>			<b>No Filing</b>
<b>1120M X</b>	<b>Mexico</b>			<b>No Filing</b>
<b>1120M O</b>	<b>Macao</b>			<b>No Filing</b>

5. 1130 (Patent No. 5) - Loop Around

Docket No. P002-	Country	SN (Appl. No.)	Filing Date	Comments
1130	US	12/107,654	April 22, 2008	Pending
1130W O	PCT	US2009/041091	April 22, 2009	PCT FILED
1130V E	Venezuela	2009- 00729	April 21, 2009	ABANDONED
1130A U	Australia			Filed 29 Sept. 2010
1130B R	Brazil		April 22, 2009	Pending
1130C A	Canada			Pending
1130E P	EP	09735018.5	20 April 2009	Pending
1130M X	Mexico	MX/a/2010/ 011708		Pending

In addition, Assignee will (and is hereby deemed to) convey, transfer, assign and deliver to Assignor, free and clear of all Encumbrances, all Assignee's rights in, arising out of, or associated with the items identified in Section 1.1 of that certain Intellectual Property Purchase Agreement, dated as of February 18, 2011, by and between Assignor and Assignee.

CLI-1868389v22