

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5642478

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
David Keith	07/09/2010
Maryam Mahmoudkhani	06/17/2010
Alessandro Biglioli	06/30/2010
Brandon Hart	07/14/2010
Kenton Robert Heidel	07/02/2010
Michal Foniok	06/18/2010
RECEIVING PARTY DATA	
Name:	C12 EQUITY LTD.
Street Address:	2500 UNIVERSITY DRIVE NW, EARTH SCIENCES ES 602
City:	CALGARY, AB
State/Country:	CANADA
Postal Code:	T2N 1N4
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16384401
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<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:	+1 (512) 226-8130
Email:	apsi@fr.com
Correspondent Name:	LEANNE E. FLATTER
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	30285-0002003
NAME OF SUBMITTER:	TANYA SPARROW
SIGNATURE:	/Tanya Sparrow/
DATE SIGNED:	07/30/2019

Total Attachments: 6

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ASSIGNMENT AND CONFIRMATION

WHEREAS, David Keith, Maryam Mahmoudkhani, Alessandro Biglioli, Brandon Hart, Kenton Heidel, and Mike Foniok (collectively the "ASSIGNOR") and C12 Equity Ltd., a corporation organized under the laws of the Province of Alberta, having a place of business at Calgary, Alberta, Canada (the "ASSIGNEE"), have entered into an agreement dated August 31, 2009, transferring ownership from ASSIGNOR to ASSIGNEE of the patents and/or patent applications listed in the attached Schedule A ("PATENTS AND PATENT APPLICATIONS") and of all inventions that are disclosed in the PATENTS AND PATENT APPLICATIONS ("INVENTIONS").

NOW, THEREFORE, in consideration the good and valuable consideration received by ASSIGNOR from ASSIGNEE, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR hereby confirms the prior assignment and transfer to ASSIGNEE of the entire right, title and interest in and to the PATENTS AND PATENT APPLICATIONS and in and to the INVENTIONS, and hereby assigns and transfers to ASSIGNEE, its successors and assignees, any remaining right, title or interest that ASSIGNEE may have in and to the PATENTS AND PATENT APPLICATIONS or the INVENTIONS, and all rights of enforcement thereto, including all rights to sue or recover for the past infringement thereof, and any and all choses in action related thereto, and further including the right to file and prosecute in its own name, wherever so permitted by law, patent applications, including corresponding applications, based on, and to claim priority to, any of the PATENTS AND PATENT APPLICATIONS, pursuant to the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. ASSIGNEE may apply for and receive patents in its own name wherever so permitted by law and ASSIGNOR shall, when requested by ASSIGNEE, execute all rightful oaths, assignments, and powers of attorney, to the ASSIGNEE and to agents and legal representatives of the ASSIGNEE, and all other papers necessary and proper to carry out the intent and purpose of this Assignment, and ASSIGNOR further agrees:

a. to execute all papers necessary in connection with the PATENTS AND PATENT APPLICATIONS, and any continuing, divisional, reissue, reexamination or other corresponding application thereof and to execute any separate assignment in connection with such application as the ASSIGNEE may deem necessary or expedient; and

[DOCUMENT CONTINUES ON NEXT PAGE]

b. to perform all affirmative acts which may be necessary to obtain a grant of a valid patent to the ASSIGNEE on any of the PATENTS AND PATENT APPLICATIONS and on any continuation, division, reissue or reexamination of any of the PATENTS AND PATENT APPLICATIONS.

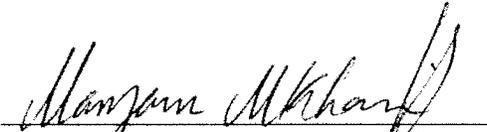
ASSIGNOR retains no ownership rights in the PATENTS AND PATENT APPLICATIONS and the INVENTIONS.

IN WITNESS WHEREOF, ASSIGNOR has caused this Assignment and Confirmation to be executed by its duly authorized representative on this 9 day of July, 2010

Date: July 9, 2010 
By: DAVID KEITH

Witnessed by:
Name: Hollie Roberts Date: July 9, 2010

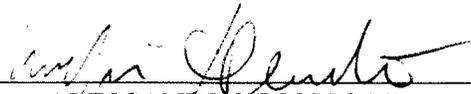
Witnessed by:
Name: Shannon Katusa Date: July 9, 2010

Date: June-17-2010 
By: MARYAM MAHMOUDKHANI

Witnessed by:
Name: Hollie Roberts Date: June 17, 2010

Witnessed by:
Name: Shannon Katusa Date: June 17, 2010

Date: June 30, 2010


By: ALESSANDRO BIGLIOLI

Witnessed by:
Name: Hollie Roberts

Date: June 30, 2010

Witnessed by:
Name: Shannon Katusa

Date: June 30, 2010

Date: _____

By: BRANDON HART

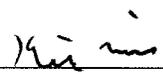
Witnessed by:
Name: _____

Date: _____

Witnessed by:
Name: _____

Date: _____

Date: July 2, 2010


By: KENTON HEIDEL

Witnessed by:
Name: Hollie Roberts

Date: July 2, 2010

Witnessed by:
Name: Shannon Katusa

Date: July 2, 2010

Date: _____

By: ALESSANDRO BIGLIOLI

Witnessed by:
Name: _____

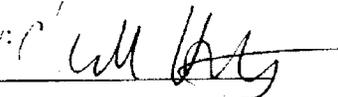
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Name: _____

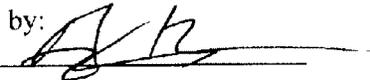
Date: _____

Date: July 14, 2010


By: BRANDON HART

Witnessed by: 
Name: _____

Date: 14 July 2010

Witnessed by: 
Name: _____

Date: 14 JULY 2010

Date: _____

By: KENTON HEIDEL

Witnessed by:
Name: _____

Date: _____

Witnessed by:
Name: _____

Date: _____

Date: June 18, 2010

By: 
MIKE FONIOK

Witnessed by:
Name: Hollie Roberts

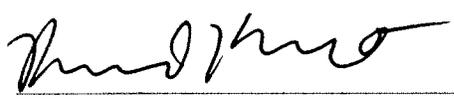
Date: June 18, 2010

Witnessed by:
Name: Shannon Katusa

Date: June 18, 2010

ASSIGNEE hereby accepts receipt of the entire right, title and interest in and to the PATENTS AND PATENT APPLICATIONS.

C12 EQUITY LTD.

By: 

Name: David Keith

Title: President

Date: July 9, 2010

SCHEDULE A

Reference No.	Application Number	Filing Date
25407-0002P01	61/090,867	August 21, 2008
25407-0002001	12/545,579	August 21, 2009
25407-0002WO1	PCT/US2009/054626	August 21, 2009