

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3611997

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	KUMARASWAMY NANTHAKUMAR	07/03/2014
RECEIVING PARTY DATA		
Name:	UNIVERSITY HEALTH NETWORK	
Street Address:	190 ELIZABETH STREET	
Internal Address:	R. FRASER ELLIOTT BLDG., ROOM 1S-417	
City:	TORONTO, ONTARIO	
State/Country:	CANADA	
Postal Code:	M5G 2C4	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14889767
CORRESPONDENCE DATA		
Fax Number:	(617)227-4420	
<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:	617-239-0100	
Email:	joy.whitney@lockelord.com	
Correspondent Name:	LOCKE LORD LLP	
Address Line 1:	PO BOX 55874	
Address Line 4:	BOSTON, MASSACHUSETTS 02205	
ATTORNEY DOCKET NUMBER:	95258 US9 (316020)	
NAME OF SUBMITTER:	JOY WHITNEY	
SIGNATURE:	/joy whitney/	
DATE SIGNED:	11/11/2015	
Total Attachments: 4		
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UHN

Toronto General
Toronto Western
Princess Margaret
Toronto Rehab

Technology Development & Commercialization

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, the undersigned, whose names and complete addresses are listed below:

LAST NAME, First Name	Home Address
NANTHAKUMAR, Kumaraswamy	723 St. Nicholas Court, Mississauga, Ontario L5H 4M5 Canada

confirm that we have sold, assigned and transferred, and do hereby sell, assign and transfer to **UNIVERSITY HEALTH NETWORK** (Assignee), whose full post office address is **190 Elizabeth Street, R. Fraser Elliott Building – Room 1S-417, Toronto, Ontario, M5G 2C4 Canada**, and to the Assignee's successors, assigns or other legal representatives, our right to apply for and obtain Letters Patent for all countries for an invention entitled "**Compositions and Methods for Acute Treatment of a Cardiac Arrhythmia**", as fully set forth and described in each application for Letters Patent as listed below:

PCT Patent Application No. **PCT/US2014/03785** filed May 5, 2014;
036783

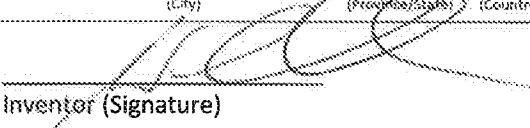
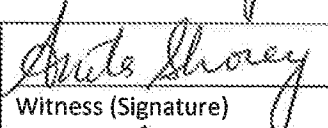
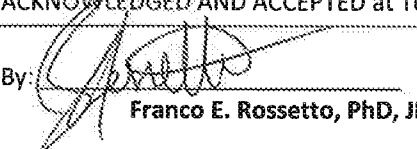
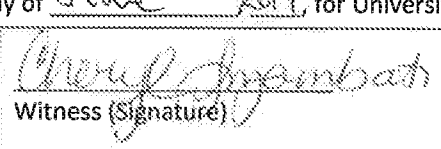
together with our entire right, title, property, benefit and interest for Canada, the United States of America and all other countries, in and to each aforementioned application, and any foreign applications corresponding thereto and any Letters Patent which may issue for the invention from such applications, including all divisions, continuations, continuations-in-part, re-examinations, reissues and extensions, and any rights of priority resulting from the filing of the above-identified applications under international conventions, treaties or otherwise, the same to be held and enjoyed as fully and exclusively as they would have been by us had this sale, assignment and transfer not been made.

We hereby covenant and agree to do all such things and to execute without further consideration such further assurances, applications and other instruments as may reasonably be required by the Assignee to obtain Letters Patent in Canada, the United States of America and all other countries, for the invention and vest the same in the Assignee.

Each of us makes this assignment in respect of his or her interest in the invention and aforementioned applications independently of any assignment of any other inventor or assignor.

This Assignment of Patent Rights is effective as of **May 5, 2014**.

This assignment can be executed in counterparts.

EXECUTED at <u>Toronto</u> , <u>Ontario</u> , <u>Canada</u> , this <u>3</u> day of <u>July</u> , 20 <u>14</u> .	
(City)	(Province/State) (Country)
 Inventor (Signature)	 Witness (Signature)
Name: Kumaraswamy NANTHAKUMAR	Name: ANITA SHOREY
ACKNOWLEDGED AND ACCEPTED at Toronto, this <u>6</u> day of <u>June</u> , 20 <u>14</u> , for University Health Network	
By:  Franco E. Rossetto, PhD, JD	 Witness (Signature)
Title: Deputy Director and Legal Counsel, Technology Development & Commercialization	Name: CHERYL SZOMBATI

copy

RO/US PCT/US2014/036783 22.09.2014

PATENT COOPERATION TREATY

ADVANCE EMAIL

AKIMA-1 Rec'd PCT SEP 22 2014 LaShonnah, Tyson

From the: RECEIVING OFFICE

PCT

COMMUNICATION IN CASES FOR WHICH NO OTHER
FORM IS APPLICABLE

Date of mailing (day/month/year) 08 September 2014 (08.09.2014)	To: ZERHUSEN, Bryan, D. Edwards Wildman Palmer LLP P.O. Box 55874 Boston, MA 02205 ETATS-UNIS D'AMERIQUE Facsimile No.: 860-527-4198
REPLY DUE See paragraph 1 below	Applicant's or agent's file reference 95258WO(316020)
International application No. PCT/IB2014/001748	International filing date (day/month/year) 05 May 2014 (05.05.2014)
Applicant UNIVERSITY HEALTH NETWORK	

1. ☐ REPLY DUE within from the above date of mailing
☐ NO REPLY DUE, however, see below
☒ IMPORTANT COMMUNICATION
☒ INFORMATION ONLY

2. COMMUNICATION:

**A. NOTIFICATION OF RECEIPT OF PURPORTED
INTERNATIONAL APPLICATION BY INTERNATIONAL BUREAU
ACTING AS RECEIVING OFFICE (PCT Rule 19.1(a)(i))**

The applicant is hereby notified that the International Bureau of WIPO has received on 07 June 2014 (07.06.2014) the above-mentioned purported international application (reference PCT/US2014/036783) from the United States Patent and Trademark Office (USPTO) which is not competent under PCT Rule 19.1 or 19.2 (having regard to the applicant's nationality or residence) to receive that international application.

According to PCT Rule 19.4(b), this international application is considered to have been received by the International Bureau as receiving Office (RO/IB) under PCT Rule 19.1(a)(iii) on the date of receipt of the international application by the USPTO (05 May 2014 (05.05.2014)).

Any future correspondence in connection with this international application must indicate the international application number assigned by RO/IB (PCT/IB2014/001748).

Note that any communication (i) intended for the receiving Office must now be sent direct to the International Bureau of WIPO at the address indicated below, (ii) relating to international preliminary examination under Chapter II, including the demand, must be submitted direct to the International Preliminary Examining Authority concerned.

A copy of this notification is being sent to the USPTO.

/...

Name and mailing address of the receiving Office The International Bureau of WIPO PCT Receiving Office Section 34, chemin des Colombettes, 1211 Geneva 20, Switzerland Facsimile No. +41 22 910 06 10 (RPT)	Authorized officer Huynh Khuong Kari E-mail ro.ib@wipo.int Telephone No. +41 22 338 78 78
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Form PCT/RO/132 (January 2004)

**PATENT
REEL: 037017 FRAME: 0070**

ANNEX TO FORM PCT/RO/132

International application No.

PCT/IB2014/001748

**B. MATTERS CONCERNING THE RIGHT TO REPRESENT
THE APPLICANT(S)**

In addition, it seems that the person indicated in Box IV of the request form does not have the right to practice before the national Office of (or acting for) the Contracting State of which the applicant is a resident or national, and thus does not have the right to practice before the International Bureau as receiving Office (RO/IB) in respect of the above-mentioned international application (PCT Rule 83.1bis(a)).

The indication given in Box IV of the request form will therefore be treated as a **special address** to which correspondence will be sent.

Any further communication from the applicant to the receiving Office and other International Authorities (except payment of fees) will have to be signed by the applicant himself or by a duly appointed agent who has the right to practice before RO/IB, in respect of the above-mentioned international application, (that is, a person who has the right to practice before the Canadian Intellectual Property Office), (see PCT Rules 90.3(a) and 92.1).