

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3956990

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TODD M. LANCASTER	08/04/2010
SYLAJA MURIKPUDI	08/04/2010
RASSOL LALEAU	08/04/2010
TODD C. ZION	08/04/2010
RECEIVING PARTY DATA	
Name:	SMARTCELLS, INC.
Street Address:	2000 GALLOPING HILL ROAD
City:	KENILWORTH
State/Country:	NEW JERSEY
Postal Code:	07033
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13811910
CORRESPONDENCE DATA	
Fax Number:	(732)594-4720
<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>	
Email:	KATHERINE.LALLY@MERCK.COM
Correspondent Name:	MERCK
Address Line 1:	126 EAST LINCOLN AVENUE
Address Line 2:	RY86-2011A
Address Line 4:	RAHWAY, NEW JERSEY 07065
ATTORNEY DOCKET NUMBER:	23020
NAME OF SUBMITTER:	KATHERINE LALLY
SIGNATURE:	/KATHERINE LALLY/
DATE SIGNED:	07/12/2016
Total Attachments: 7	
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JOINT ASSIGNMENT

WHEREAS, each of the individuals, **Thomas M. Lancaster** of Stoneham, Massachusetts, **Sylaja Murikipudi** of Medford, Massachusetts, **Rassol Laleau** of Woburn, Massachusetts, and **Todd C. Zion** of Marblehead, Massachusetts, is named as an inventor on the application for Letters Patent of the United States titled:

RECOMBINANTLY EXPRESSED INSULIN POLYPEPTIDES AND USES THEREOF; and

executed by each of us of even date herewith and about to be filed in the United States Patent and Trademark Office; or

identified by United States Application Serial No. **61/368,607**, filed in the United States Patent and Trademark Office on **July 28, 2010**; and

WHEREAS **SmartCells, Inc.** (hereinafter "ASSIGNEE"), having a usual place of business at 100 Cummings Center, Suite 419E, Beverly, Massachusetts 01915, desires to acquire or confirm an interest therein;

NOW, THEREFORE, to all whom it may concern be it known that, in accordance with agreements previously and duly entered into between the parties and in consideration of those agreements, and for other good and valuable consideration, the receipt of which is hereby acknowledged, each has sold, assigned, and transferred and/or does hereby sell, assign, and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title, and interest in and throughout the United States of America, its territories and all foreign countries, in and to the inventions described in the application, including the entire right, title, and interest in and to the application, all divisional, continuing, substitute, renewal, reissue, reexamination and other applications for Letters Patent that is based in whole or in part on the application, and all other rights arising under or pursuant to any and all international agreements, treaties, or laws relating to the protection of industrial property, including all rights of priority under the International Convention for the Protection of Industrial Property, and in and to any such Letters Patent as may issue thereon including any and all original and reissued patents which have been or shall be issued in the United States and foreign countries; said inventions, applications, and Letters Patent to be held and enjoyed by ASSIGNEE for its own use and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by him/her had this assignment and sale not been made;

AND, hereby acknowledges that this assignment, being of the entire right, title, and interest in and to the inventions, carries with it the right in ASSIGNEE, by attorneys and agents of ASSIGNEE selection, to apply for and receive Letters Patent for said inventions in its own name;

AND, hereby further agrees for him/herself and his/her executors and administrators to

Attorney Docket No.: 2005700-0044
U.S. Serial No.: 61/368,607

execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the Letters Patent to ASSIGNEE, its successors, assignees, and legal representatives, but at its expense and charges, including the execution of application for patents in foreign countries, the execution of substitution, reissue, divisional or continuation applications, and the giving of testimony, preliminary statements, or other statements in any interference or other proceeding in which the inventions or any applications or patents directed to the inventions may be involved by communicating to the ASSIGNEE all facts we know relating to the inventions and their history, and generally by doing everything possible which ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for the inventions and for vesting title in the inventions and all applications for patent and all patents on the inventions in ASSIGNEE;

AND, further hereby authorizes ASSIGNEE or its attorneys or agents to insert the correct serial number and filing date into this assignment if appropriate;

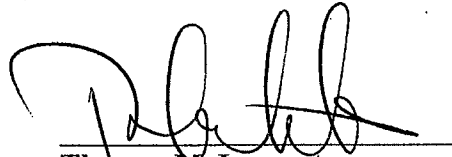
AND, hereby appoints ASSIGNEE as its common agent for purposes of prosecuting international patent applications and any material patent applications for which such common agency is recognized;

AND, hereby requests the Director of Patents and Trademarks of the United States to issue said Letters Patent as shall be granted upon said application or applications based thereon to ASSIGNEE, its successors, assigns, and legal representatives;

AND, covenants with said ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by him/her, and that full right to convey the same as herein expressed is possessed by him/her.

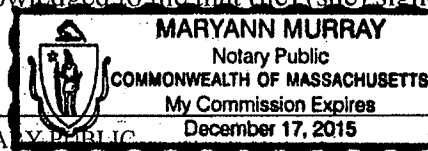
Attorney Docket No.: 2005700-0044
U.S. Serial No.: 61/368,607

SIGNED this 4th day of August, 2010.


Thomas M. Lancaster

STATE OF Massachusetts
COUNTY OF Essex SS.

On this 4 day of August, 2010, before me, the undersigned notary public, personally appeared **Thomas M. Lancaster**, proved to me through satisfactory evidence of identification, which were License, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.



NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

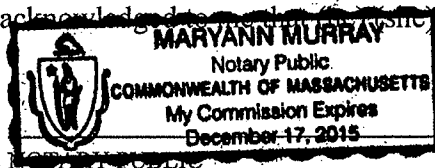
Attorney Docket No.: 2005700-0044
U.S. Serial No.: 61/368,607

SIGNED this 4th day of August, 2010.

Sylja Murikipudi
Sylja Murikipudi

STATE OF Massachusetts
COUNTY OF Essex SS.

On this 4 day of August, 2010, before me, the undersigned notary public, personally appeared Sylja Murikipudi, proved to me through satisfactory evidence of identification, which were License, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that she signed it voluntarily for its stated purpose.



[Notary's Seal Here]

My Commission Expires:

Attorney Docket No.: 2005700-0044
U.S. Serial No.: 61/368,607

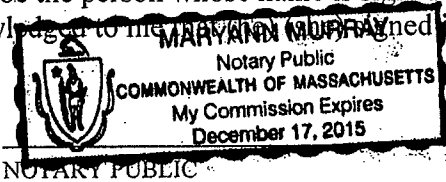
SIGNED this 4th day of August, 2010.

RASSOL 04 Aug 2010
Rassol Laleau

STATE OF Massachusetts

COUNTY OF Essex SS:

On this 4 day of August, 2010, before me, the undersigned notary public, personally appeared **Rassol Laleau**, proved to me through satisfactory evidence of identification, which were License, to be the person whose name is signed on the preceding or attached document, and acknowledged to me ~~MARYANN MURPHY~~ it voluntarily for its stated purpose.

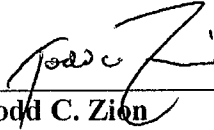


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My Commission Expires:

Attorney Docket No.: 2005700-0044
U.S. Serial No.: 61/368,607

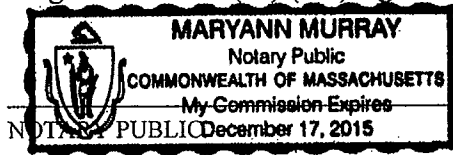
SIGNED this 4th day of August, 2010.



Todd C. Zion

STATE OF Massachusetts
COUNTY OF Essex SS.

On this 4 day of August, 2010, before me, the undersigned notary public, personally appeared **Todd C. Zion**, proved to me through satisfactory evidence of identification, which were License, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.



[Notary's Seal Here]

My Commission Expires:

Attorney Docket No.: 2005700-0044
U.S. Serial No.: 61/368,607

Old address:

ONE MERCK DRIVE
WHITEHOUSE STATION, NEW JERSEY 08889

New address:

2000 GALLOPING HILL ROAD
KENILWORTH, NEW JERSEY 07033

Signed: /Katherine Lally/ Date: July 12, 2016

Katherine Lally