503539288 10/26/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEITH FIFE	07/27/2011

RECEIVING PARTY DATA

Name:	LIFE TECHNOLOGIES CORPORATION	
Street Address:	5791 VAN ALLEN WAY	
City:	CARLSBAD	
State/Country:	CALIFORNIA	
Postal Code:	92008	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14477125

CORRESPONDENCE DATA

Fax Number: (760)476-6048

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.

Phone: 760-603-7200

Email: lifetechdocket@system.foundationip.com

Correspondent Name: GENJA WILLIAMS **Address Line 1:** 5791 VAN ALLEN WAY

Address Line 4: CARLSBAD, CALIFORNIA 92008

ATTORNEY DOCKET NUMBER:	LT00349 CON
NAME OF SUBMITTER:	MARY K. CHACON
SIGNATURE:	/Mary K. Chacon/
DATE SIGNED:	10/26/2015

Total Attachments: 2

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PATENT 503539288 REEL: 036879 FRAME: 0300

Docket No. LT00349 Customer No. 52059

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy

of which are hereby acknowledged, I/we:

1 Keith FIFE, residing at 635 Matadero Ave., Palo Alto, CA 94306 United States of

America, citizen of US

do hereby SELL, ASSIGN, AND TRANSFER to LIFE TECHNOLOGIES CORPORATION, (the

"Assignee", a corporation of the State of Delaware) having a place of business at 5791 Van

Allen Way, Carlsbad, California 92008, USA the entire right, title, and interest for the United

States and all foreign countries in and to any and all improvements which are disclosed in

United States Non-provisional Patent Application, Serial No. 13/173,146, filed on June 30, 2011;

and in International Patent Application No. PCT/US11/42660, filed on June 30, 2011 entitled

ION-SENSING CHARGE-ACCUMULATION CIRCUITS AND METHODS, and such

applications and all divisional, continuing, substitute, renewal, reissue, and all other applications

for patent which have been or shall be filed in the United States and all foreign countries on any

of such improvements; all original and reissued patents which have been or shall be issued in

the United States and all foreign countries on such improvements; and specifically including the

right to file foreign applications under the provisions of any convention or treaty and claim

priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and

foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license, or other agreement

affecting the rights and property herein conveyed has been or will be made to others by the

undersigned, and that the full right to convey the same as herein expressed is possessed by the

undersigned; and

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the

intent and purpose of this assignment, the undersigned will execute all divisional, continuing,

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substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney, and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible for which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining, and enforcing proper patent protection for such improvements.

TO BE BINDING on the heirs, assigns, representatives, and successors of the undersigned and extend to the successors, assigns, and nominees of the Assignee.

Date: 7/27/2011