# PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Daniel Irimia	05/18/2009
Xuanhong Cheng	04/21/2009
Mehmet Toner	04/28/2009
Utkan Demirci	07/02/2009
William Rodriguez	08/10/2009

#### **RECEIVING PARTY DATA**

Name:	The General Hospital Corporation
Street Address:	55 Fruit Street
City:	Boston
State/Country:	MASSACHUSETTS
Postal Code:	02114

# PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12293046

# **CORRESPONDENCE DATA**

Fax Number: (877)769-7945

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

(202) 783-5070 Phone: Email: cgrace@fr.com Correspondent Name: Sushil Shrinivasan

Address Line 1: FISH & RICHARDSON P.C.

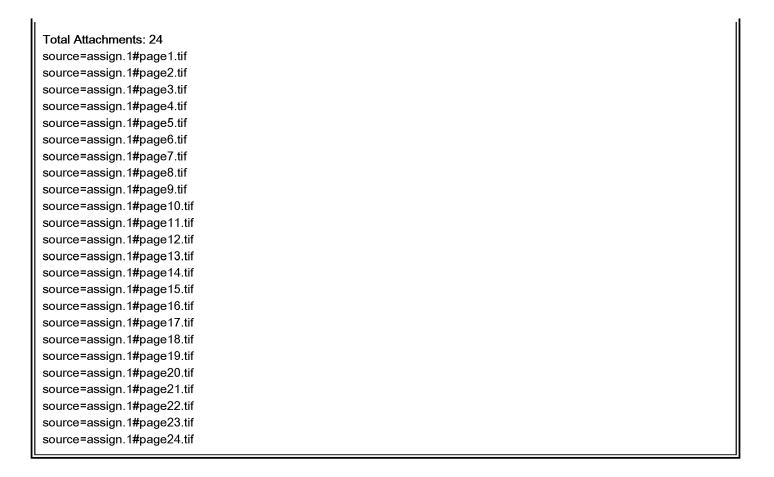
Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER: 00786-0848US1 NAME OF SUBMITTER: Christine M. Grace

**REEL: 023110 FRAME: 0266** 

**PATENT** 



PATENT REEL: 023110 FRAME: 0267

#### **ASSIGNMENT**

This Assignment is effective as of March 15, 2006. For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, Daniel Irimia, of Charlestown, Massachusetts; Xuanhong Cheng, of Charlestown, Massachusetts; Mehmet Toner, of Wellesley, Massachusetts; Utkan Demirci, of Cambridge, Massachusetts; and William Rodriguez, of Arlington, Massachusetts; by virtue of assignment provisions in an employment contract preexisting the application filing date noted below, hereby assign to THE GENERAL HOSPITAL CORPORATION, a corporation of Massachusetts, having a place of business at 55 Fruit Street. Boston, MA 02114; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are the subject of a PCT application entitled Devices and Methods for Detecting Cells and Other Analytes, filed March 15, 2007, and assigned PCT Serial Number PCT/US2007/006791, and subject of U.S. Provisional Application Serial No. 60/782,470, filed on March 15, 2006 (to which the PCT application claims priority); this assignment including said application, any and all United States and foreign patents, utility patents and models, continuations, continuations-in-part, divisionals, reexaminations, reissues, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under all treaties; and this assignment also including, without limitation, any claims (known or unknown, suspected or unsuspected) of any nature that we have or may have against any party for infringement of any of the patents and patent applications listed herein, and the right to sue for past infringement and to recover and retain damages and profits in respect thereof; and we hereby confirm our prior authorization of the Assignee, as of March 15, 2006, to apply in all countries in our name or in its own name for patents, utility models, design registrations, and like rights of exclusion and for inventors' certificates for said inventions and improvements; and

we hereby covenant and agree that we will communicate to the Assignee or nominees all facts known to us pertaining to said inventions and improvements, and we agree for ourselves and our respective heirs, legal representatives, and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, reissues, Preliminary Statements, and other lawful documents, testify in all legal proceedings, make all rightful oaths and declarations, and in general perform or cause to be performed all lawful acts necessary or proper to aid the Assignee or nominees in obtaining, maintaining, and enforcing all lawful patent protection for the inventions and improvements in the United States and in foreign countries; and

we hereby covenant that we have the full right to convey the entire right, title, and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

DATE: 65/18/09	filma D.
	DANIEL IRIMIA
STATE OF Massachuceths	
COUNTY OF SIFFOIR	) SS. )

On May 12 2009, before me, the undersigned, a notary public for Massachusetts, there personally appeared Doniel Itimia personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

Notary Public

DATE:	
	XUANHONG CHENG
STATE OF	)
COUNTY OF	) SS. )
On	, before me, the undersigned, a notary public for
basis of satisfactory evidence) to be the peacknowledged having executed the same	personally known to me (or proved to me on the erson whose name is subscribed to this Assignment, who in his authorized capacity and that by his signature on this behalf of which he acted, executed this Assignment.
WITNESS my hand and official s	eal.
	Notary Public

DATE: 4/28/09	Mehmettonis
	MEHMET TONER
STATE OF Massachusetts	)
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COUNTY OF _3r Ho 1/K	)
basis of satisfactory evidence) to be t acknowledged having executed the sa	, before me, the undersigned, a notary public for Massacho personally known to me (or proved to me on the the person whose name is subscribed to this Assignment, who ame in his authorized capacity and that by his signature on this upon behalf of which he acted, executed this Assignment.
	Shu F. Turn
	Notary Public

DATE:	
	UTKAN DEMIRCI
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WITNESS my hand and official sea	,
	Notary Public

DATE:	
	WILLIAM RODRIGUEZ
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COUNTY OF	)
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Assignment, the person or the en	he same in his authorized capacity and that by his signature on this tity upon behalf of which he acted, executed this Assignment.
WITNESS my hand and	official seal.
	Notary Public

# **ASSIGNMENT**

This Assignment is effective as of March 15, 2006. For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, Daniel Irimia, of Charlestown, Massachusetts; Xuanhong Cheng, of Charlestown, Massachusetts; Mehmet Toner, of Wellesley, Massachusetts; <u>Utkan Demirci</u>, of Cambridge, Massachusetts; and <u>William Rodriguez</u>, of Arlington, Massachusetts; by virtue of assignment provisions in an employment contract preexisting the application filing date noted below, hereby assign to THE GENERAL HOSPITAL CORPORATION, a corporation of Massachusetts, having a place of business at 55 Fruit Street, Boston, MA 02114; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are the subject of a PCT application entitled Devices and Methods for Detecting Cells and Other Analytes, filed March 15, 2007, and assigned PCT Serial Number PCT/US2007/006791, and subject of U.S. Provisional Application Serial No. 60/782,470, filed on March 15, 2006 (to which the PCT application claims priority); this assignment including said application, any and all United States and foreign patents, utility patents and models, continuations, continuations-in-part, divisionals, reexaminations, reissues, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under all treaties; and this assignment also including, without limitation, any claims (known or unknown, suspected or unsuspected) of any nature that we have or may have against any party for infringement of any of the patents and patent applications listed herein, and the right to sue for past infringement and to recover and retain damages and profits in respect thereof; and we hereby confirm our prior authorization of the Assignee, as of March 15, 2006, to apply in all countries in our name or in its own name for patents, utility models, design registrations, and like rights of exclusion and for inventors' certificates for said inventions and improvements; and

we hereby covenant and agree that we will communicate to the Assignee or nominees all facts known to us pertaining to said inventions and improvements, and we agree for ourselves and our respective heirs, legal representatives, and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, reissues, Preliminary Statements, and other lawful documents, testify in all legal proceedings, make all rightful oaths and declarations, and in general perform or cause to be performed all lawful acts necessary or proper to aid the Assignee or nominees in obtaining, maintaining, and enforcing all lawful patent protection for the inventions and improvements in the United States and in foreign countries; and

we hereby covenant that we have the full right to convey the entire right, title, and interest herein

On \_\_\_\_\_\_\_, before me, the undersigned, a notary public for \_\_\_\_\_\_\_, there personally appeared \_\_\_\_\_\_ personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this

Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

Notary Public

DATE: 4/2/109 XUANHO	ONG CHENG
STATE OF <u>Pennsylvania</u> COUNTY OF <u>Northampton</u> )	SS.
On April 21 2009, before me, the basis of satisfactory evidence) to be the person whose nar acknowledged having executed the same in his authorize Assignment, the person or the entity upon behalf of which	d capacity and that by his signature on this
WITNESS my hand and official seal.  Notary Pu	NOTARIAL SEAL KATHLEEN MILMINE, NOTARY PUBLIC CITY OF BETHLEHEM, NORTHAMPTON CO. MY COMMISSION EXPIRES AUG. 18, 2011

DATE:
MEHMET TONER
STATE OF
STATE OF
COUNTY OF
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On, before me, the undersigned, a notary public for
On, before me, the undersigned, a notary public for, there personally appeared personally known to me (or proved to me on the
basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who
acknowledged having executed the same in his authorized capacity and that by his signature on this
Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.
WITNESS my hand and official seal.
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Notary Public

DATE:	
	UTKAN DEMIRCI
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basis of satisfactory evidence) to be the acknowledged having executed the sam	personally known to me (or proved to me on the person whose name is subscribed to this Assignment, who he in his authorized capacity and that by his signature on this bon behalf of which he acted, executed this Assignment.
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	Notary Public

DATE:	
	WILLIAM RODRIGUEZ
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basis of satisfactory evidence) to be the acknowledged having executed the sa	ne person whose name is subscribed to this Assignment, who ame in his authorized capacity and that by his signature on this
Assignment, the person or the entity the WITNESS my hand and office	ipon behalf of which he acted, executed this Assignment.
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	Notary Public

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This Assignment is effective as of March 15, 2006. For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, Daniel Irimia, of Charlestown, Massachusetts; Xuanhong Cheng, of Charlestown, Massachusetts; Mehmet Toner, of Wellesley, Massachusetts; Utkan Demirci, of Cambridge, Massachusetts; and William Rodriguez, of Arlington, Massachusetts; by virtue of assignment provisions in an employment contract preexisting the application filing date noted below, hereby assign to THE GENERAL HOSPITAL CORPORATION, a corporation of Massachusetts, having a place of business at 55 Fruit Street, Boston, MA 02114; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are the subject of a PCT application entitled Devices and Methods for Detecting Cells and Other Analytes, filed March 15, 2007, and assigned PCT Serial Number PCT/US2007/006791, and subject of U.S. Provisional Application Serial No. 60/782,470, filed on March 15, 2006 (to which the PCT application claims priority); this assignment including said application, any and all United States and foreign patents, utility patents and models, continuations, continuations-in-part, divisionals, reexaminations, reissues, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under all treaties; and this assignment also including, without limitation, any claims (known or unknown, suspected or unsuspected) of any nature that we have or may have against any party for infringement of any of the patents and patent applications listed herein, and the right to sue for past infringement and to recover and retain damages and profits in respect thereof; and we hereby confirm our prior authorization of the Assignee, as of March 15, 2006, to apply in all countries in our name or in its own name for patents, utility models, design registrations, and like rights of exclusion and for inventors' certificates for said inventions and improvements; and

we hereby covenant and agree that we will communicate to the Assignee or nominees all facts known to us pertaining to said inventions and improvements, and we agree for ourselves and our respective heirs, legal representatives, and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, reissues, Preliminary Statements, and other lawful documents, testify in all legal proceedings, make all rightful oaths and declarations, and in general perform or cause to be performed all lawful acts necessary or proper to aid the Assignee or nominees in obtaining, maintaining, and enforcing all lawful patent protection for the inventions and improvements in the United States and in foreign countries; and

Page 1 of 6

we hereby covenant that we have the full right to convey the entire right, title, and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

DATE:	_
DANIEL IRIMIA	
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On, before me, the undersigned, a notary public for	
there personally appeared personally known to me (or proved to me on the contract of the contr	
basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, w	
acknowledged having executed the same in his authorized capacity and that by his signature on	
Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.	
WITNESS my hand and official seal.	
Notary Public	

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	XUANHONG CHENG
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basis of satisfactory evidence) to be the pe	erson whose name is subscribed to this Assignment, who
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	behalf of which he acted, executed this Assignment.
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, there personally appeared	personally known to me (or proved to me on the
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acknowledged having executed the same	in his authorized capacity and that by his signature on this
Assignment, the person or the entity upor	behalf of which he acted, executed this Assignment.
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WITNESS my hand and official s	seal.
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	Notary Public

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Assignment, the person or the entity upor	behalf of which he acted, executed this Assignment.
WITNESS my hand and official s	eal.
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	Notary Public

DATE: Augnt 10, 2009	Will by
	WILLIAM RODRIGUEZ
STATE OF MH	
COUNTY OF Sylfall	) SS. )
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on august 10, 2009;	before me, the undersigned, a notary public for Mt
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	rson whose name is subscribed to this Assignment, who
	n his authorized capacity and that by his signature on the
Assignment, the person or the entity upon	behalf of which he acted, executed this Assignment.
WITNESS my hand and official se	eal.
	Deporal a. Panken
	Notary Public
	DEBORAH A. PARKER
	NOTARY PUBLIC Commonwealth of Massachusetts
	My Commission Emires 08/20/2015

#### **ASSIGNMENT**

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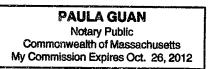
we hereby covenant that we have the full right to convey the entire right, title, and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

DATE:	
	DANIEL IRIMIA
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On	hafora ma the undersigned a notary public for
there personally appeared	, before me, the undersigned, a notary public for
basis of satisfactory evidence) to be	the person whose name is subscribed to this Assignment, who
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WITNESS my hand and off	icial seal.
	Notary Public

DATE:	
	XUANHONG CHENG
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On	_, before me, the undersigned, a notary public for
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WITNESS my hand and official s	seal.
	Notary Public

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WITNESS my hand and official se	al.
	Notary Public

DATE: 7/2/09	UTKAN DEMIRCI
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