

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4488744

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
STEPHAN HENDRICKS	01/26/2010
MICHAEL PHELAN	01/21/2010
MARIAN PERIS	01/21/2010
CHENG-YAO CHEN	01/20/2010
DANIEL MAZUR	01/15/2010
XINZHAN PENG	01/15/2010
AMY CASTILLO	01/22/2010
RECEIVING PARTY DATA	
Name:	LIFE TECHNOLOGIES CORPORATION
Street Address:	5823 NEWTON DRIVE
Internal Address:	LEGAL DEPARTMENT, INTELLECTUAL PROPERTY
City:	CARLSBAD
State/Country:	CALIFORNIA
Postal Code:	92008
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15169854
CORRESPONDENCE DATA	
Fax Number:	(760)476-6048
<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:	(760)603-7200
Email:	LSGDocketing@thermofisher.com
Correspondent Name:	LIFE TECHNOLOGIES CORPORATION
Address Line 1:	5823 NEWTON DRIVE
Address Line 2:	LEGAL DEPARTMENT, INTELLECTUAL PROPERTY
Address Line 4:	CARLSBAD, CALIFORNIA 92008
ATTORNEY DOCKET NUMBER:	LT00052DIV
NAME OF SUBMITTER:	MARJORIE JARVIS
SIGNATURE:	/Marjorie Jarvis/

PATENT

DATE SIGNED:	07/03/2017
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Total Attachments: 11

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged, the undersigned, do hereby:

- for which a provisional application was filed in the United States Patent and Trademark Office on September 15, 2009, Application Serial No. 61/242,771;

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, CA 92008, 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 U.S. Application Serial No. 61/242,771, which was filed on September 15, 2009 and is entitled "POLYMERASE COMPOSITIONS AND METHODS", and such application and all utility, 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 utility, 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 and that claim priority to said U.S. Application Serial No. 61/242,771; 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.

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, 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.

Signature: [Handwritten Signature]
Name (1) Stephen HENDRICKS

Date: 1/26/10

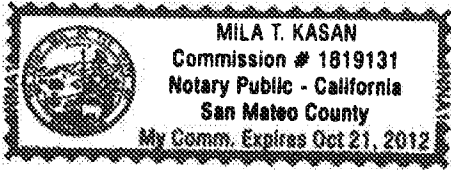
STATE OF California)
) ss.
COUNTY OF San Mateo)

On January 26, 2010 before me, Mila T. Kasan, Notary Public, personally appeared, Stephen HENDRICKS, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Mila T. Kasan (Seal)



Signature: Michael Phelan
Name (2) Michael PHELAN

Date: Jan 21, 2010

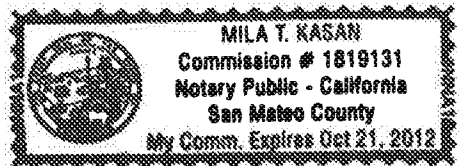
STATE OF California)
) ss.
COUNTY OF San Mateo)

On January 21, 2010 before me, Mila T. Kasan, Notary Public,
personally appeared, Michael PHELAN, who proved to me on
the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed
to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s) acted,
executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Mila T. Kasan (Seal)



Signature: Marian Peris
Name (3) Marian PERIS

Date: Jan 21 2010

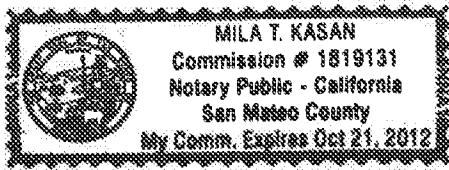
STATE OF California)
) ss.
COUNTY OF San Mateo)

On January 21, 2010 before me, Mila T. Kasan, Notary Public,
personally appeared, Marian PERIS, who proved to me on
the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed
to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s) acted,
executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Mila T. Kasan (Seal)



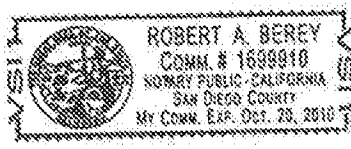
Signature: Cheng-Yao Chen
Name (4) Cheng-Yao CHEN

Date: 01/20/2010

STATE OF CALIFORNIA)
COUNTY OF SAN DIEGO) ss.

On 1/20/10 before me, ROBERT A. BERLEY,
personally appeared, Cheng-Yao CHEN, who proved to me
on the basis of satisfactory evidence to be the person~~(s)~~ whose name~~(s)~~ is/~~are~~
subscribed to the within instrument and acknowledged to me that he/~~she~~/~~they~~ executed
the same in his/~~her~~/~~their~~ authorized capacity~~(ies)~~, and that by his/~~her~~/~~their~~ signature~~(s)~~
on the instrument the person~~(s)~~, or the entity upon behalf of which the person~~(s)~~ acted,
executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.



WITNESS my hand and official seal.

Signature Robert A. Berley (Seal)

Signature: *Daniel Mazur*
Name (5) Daniel MAZUR

Date: 01/15/2010

STATE OF CALIFORNIA)
) ss.
COUNTY OF SAN DIEGO)

On 1/15/2010 before me, ROBERT A. BEREY,
personally appeared, Daniel MAZUR, who proved to me on
the basis of satisfactory evidence to be the person whose name is/~~are~~ subscribed
to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in
his/~~her/their~~ authorized capacity , and that by his/~~her/their~~ signature on the
instrument the person , or the entity upon behalf of which the person acted,
executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature *Robert A. Bery* (Seal)

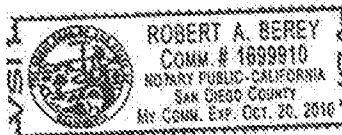
Signature: *Xinzhan Peng*
Name (6) Xinzhan PENG

Date: 1/15/2010

STATE OF CALIFORNIA)
) ss.
COUNTY OF SAN DIEGO)

On 1/15/2010 before me, ROBERT A. BEREY,
personally appeared, Xinzhan PENG, who proved to me on
the basis of satisfactory evidence to be the person(~~s~~) whose name(~~s~~) is/~~are~~ subscribed
to the within instrument and acknowledged to me that he/~~she~~/~~they~~ executed the same in
his/~~her~~/~~their~~ authorized capacity(~~ies~~), and that by his/~~her~~/~~their~~ signature(~~s~~) on the
instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted,
executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.



WITNESS my hand and official seal.

Signature *Robert A. Berey* (Seal)

Signature: *Amy Castillo*
Name (8) Amy CASTILLO

Date: 01/22/10

STATE OF TEXAS)
COUNTY OF HARRIS) ss.

On 01/22/2010 before me, Autumn Hibbs,
personally appeared, Amy CASTILLO, who proved to me on

the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

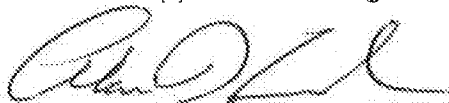
I certify under PENALTY OF PERJURY under the laws of the State of Texas that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature *Autumn Hibbs* (Seal)

The Assignee hereby accepts the above assignment of the Patent Rights and all other rights assigned by this assignment

SIGNATURE of Applicant or Assignee of Record

A handwritten signature in black ink, appearing to read 'Alan W. Hammond', written over a horizontal line.

Alan W. Hammond, Chief Intellectual Property Counsel
Life Technologies Corporation