

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3839290

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THEO NIKIFOROV	10/05/2010
DANIEL MAZUR	10/08/2010
XINZHAN PENG	10/04/2010
TOMMIE LLOYD LINCECUM JR.	08/12/2011
YURI BELOSLUDTSEV	11/09/2010
HOWARD REESE	10/04/2010
DMITRIY GREMYACHINSKIY	10/05/2010
ROMAN ROZHKOV	11/07/2011
JOHN M. MAURO	10/05/2010
JOSEPH BEECHEM	10/08/2010
ERIC TULSKY	08/17/2011
IMAD NAASANI	10/12/2010
KARI HALEY	10/04/2010
JOSEPH A. TREADWAY	11/19/2010

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:	14087307

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.

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Correspondent Name: LIFE TECHNOLOGIES CORPORATION
Address Line 1: 5823 NEWTON DRIVE
Address Line 2: IP DEPARTMENT
Address Line 4: CARLSBAD, CALIFORNIA 92008

ATTORNEY DOCKET NUMBER: LT00003 DIV

NAME OF SUBMITTER: MILA T. KASAN

SIGNATURE: /Mila T. Kasan/

DATE SIGNED: 04/20/2016

Total Attachments: 17

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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 non-provisional application was filed in the United States Patent and Trademark Office on March 26, 2010, Application Serial No. 12/748,355;

for which an international (PCT) application was filed in the United States Patent and Trademark Office on March 26, 2010, International Application No. PCT/US2010/028974;

for which a provisional application was filed in the United States Patent and Trademark Office on January 29, 2010, Application Serial No. 61/299,919; and

for which a provisional application was filed in the United States Patent and Trademark Office on June 5, 2009, Application Serial No. 61/184,770;

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. 12/748,355 (filed on March 26, 2010 and entitled "CONJUGATES OF BIOMOLECULES TO NANOPARTICLES"), International (PCT) Application No.: PCT/US2010/028974 (filed on March 26, 2010 and entitled "CONJUGATES OF BIOMOLECULES TO NANOPARTICLES"), U.S. Application Serial No. 61/299,919 (filed on January 29, 2010 and entitled "CONJUGATES OF BIOMOLECULES TO NANOPARTICLES"), and U.S. Application Serial No. 61/184,770 (filed on June 5, 2009 and entitled "CONJUGATES OF BIOMOLECULES TO NANOPARTICLES"), such applications 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 any one or more of said U.S. Application Serial No. 12/748,355,

Assignment

International (PCT) Application No. PCT/US2010/028974, U.S. Application Serial No. 61/299,919, and U.S. Application Serial No. 61/184,770; 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 United States and foreign applications under the provisions of any convention or treaty and claim priority based on any one or more of such applications;

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;

Signature: *Daniel Mazur*
Name (2) Daniel MAZUR

Date: 10/08/2010

Witnessed by:

Name: _____

Signature: _____

Date: _____

STATE OF _____)
COUNTY OF _____) ss.

On October 8, 2010 before me, Shelley M. Swedo, Notary Public,
personally appeared, Daniel MAZUR, 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 *Shelley M. Swedo* (Seal)



Signature: Xinzhao Peng
Name (3) Xinzhan PENG

Date: 10/4/2010

Witnessed by:

Name: _____

Signature: _____

Date: _____

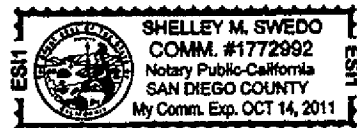
STATE OF _____)
COUNTY OF _____) ss.
_____)

On October 4, 2010 before me, Shelley M. Swedo, Notary Public,
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 Shelley M. Swedo (Seal)



Signature: [Handwritten Signature]
Name (4) Tommie Lloyd LINCECUM, Jr.

Date: 8/12/11

Witnessed by:

Name: _____

Signature: _____

Date: _____

STATE OF California)
COUNTY OF San Diego) ss.

On 12 August 2011 before me, Brenda Mannon, Notary Public,
personally appeared, Tommie Lloyd LINCECUM, Jr., 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 Brenda Mannon (Seal)



Signature: *J. M. Mauro*
Name (9) John M. MAURO

Date: 10/5/2010

Witnessed by:

Name: Tsui-Li Wu

Signature: *Tsui-Li Wu*

Date: 10/05/2010

STATE OF OREGON)
COUNTY OF LANE) ss.

On 05-Oct-2010 before me, ELIZABETH E. BARTLETT,
personally appeared, John M. MAURO, 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 Oregon that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature *Elizabeth E Bartlett* (Seal)



Signature: [Handwritten Signature]
Name (10) Joseph BEECHEM

Date: 10-08-2010

Witnessed by:

Name: _____

Signature: _____

Date: _____

STATE OF _____)
COUNTY OF _____) ss.
_____)

On October 8, 2010 before me, Shelley M. Swedo, Notary Public,
personally appeared, Joseph BEECHEM, 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 Oregon that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature [Handwritten Signature] (Seal)



Signature: Imad Naasani
Name (12) Imad NAASANI

Date: Oct 12, 2010

Witnessed by:

Name: JAMES M GILWIS

Signature: James M Gilwis

Date: 12/10/10

Signature: Kari Haley
Name (13) Kari HALEY

Date: 10/4/2010

Witnessed by:

Name: _____

Signature: _____

Date: _____

STATE OF OREGON)
) ss.
COUNTY OF LANE)

On 04-October-2010 before me, ELIZABETH E. BARTLETT,
personally appeared, Kari HALEY, 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 Oregon that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Elizabeth E. Bartlett (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 'A. W. Hammond', written over a horizontal line.

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