PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Abdelhak Bensaoula	01/29/2008
John Christopher Boney	01/23/2008
A. Sam Beddar	01/24/2008
Tina Marie Briere	01/24/2008
Sunil Krishnan	01/25/2008
Andrew K. Lee	02/19/2008

RECEIVING PARTY DATA

Name:	The University of Houston System
Street Address:	4800 Calhoun Road
City:	Houston
State/Country:	TEXAS
Postal Code:	77204

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11856505

CORRESPONDENCE DATA

502120583

Fax Number: 7139777011

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

713-977-7000 Phone: rwstroz@flash.net Email: Correspondent Name: Robert W. Strozier Address Line 1: P.O. Box 429

Address Line 4: Bellaire, TEXAS 77402-0429

ATTORNEY DOCKET NUMBER: 96605/53UTL

NAME OF SUBMITTER: Robert W. Strozier

PATENT

Total Attachments: 32 source=UH53UTL_Exd_Asgn_bensaoula_boney#page1.tif source=UH53UTL_Exd_Asgn_bensaoula_boney#page2.tif source=UH53UTL_Exd_Asgn_bensaoula_boney#page3.tif source=UH53UTL_Exd_Asgn_bensaoula_boney#page4.tif source=UH53UTL_Exd_Asgn_bensaoula_boney#page5.tif source=UH53UTL Exd Asgn bensaoula boney#page6.tif source=UH53UTL_Exd_Asgn_bensaoula_boney#page7.tif source=UH53UTL_Exd_Asgn_bensaoula_boney#page8.tif source=UH53UTL Exd Asgn beddar briere#page1.tif source=UH53UTL Exd Asgn beddar briere#page2.tif source=UH53UTL_Exd_Asgn_beddar_briere#page3.tif source=UH53UTL_Exd_Asgn_beddar_briere#page4.tif source=UH53UTL Exd Asgn beddar briere#page5.tif source=UH53UTL_Exd_Asgn_beddar_briere#page6.tif source=UH53UTL_Exd_Asgn_beddar_briere#page7.tif source=UH53UTL_Exd_Asgn_beddar_briere#page8.tif source=UH53UTL exd asgn krishnan#page1.tif source=UH53UTL_exd_asgn_krishnan#page2.tif source=UH53UTL_exd_asgn_krishnan#page3.tif source=UH53UTL_exd_asgn_krishnan#page4.tif source=UH53UTL exd asgn krishnan#page5.tif source=UH53UTL_exd_asgn_krishnan#page6.tif source=UH53UTL_exd_asgn_krishnan#page7.tif source=UH53UTL exd asgn krishnan#page8.tif source=UH53UTL_Lee_Exd_Asgn#page1.tif source=UH53UTL_Lee_Exd_Asgn#page2.tif source=UH53UTL_Lee_Exd_Asgn#page3.tif source=UH53UTL Lee Exd Asgn#page4.tif source=UH53UTL_Lee_Exd_Asgn#page5.tif source=UH53UTL_Lee_Exd_Asgn#page6.tif source=UH53UTL_Lee_Exd_Asgn#page7.tif source=UH53UTL Lee Exd Asgn#page8.tif

> PATENT REEL: 029256 FRAME: 0715

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: BENSAOULA ET AL. § EXAMINER:

SERIAL NO: 11/856505 § GROUP ART UNIT: FILED: 09/17/2008 § DOCKET: 96605/53UTL

§ § § FOR: **USE OF NANOPARTICLES IN THE** PHOTODYNAMIC TREATMENT OF TUMORS AND

NON-DESTRUCTIVE TESTING

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged Abdelhak Bensaoula, John Christopher Boney, A. Sam Beddar, Tina Marie Briere, Sunil Krishnan, and Andrew K. Lee (the "Undersigned") do hereby: SELL, ASSIGN AND TRANSFER to THE UNIVERSITY OF HOUSTON SYSTEM (the "Assignee"), a Texas institution of higher learning having a place of business at 4800 Calhoun Road, Houston, Texas 77204, its successors, trustees, devisees and assigns, 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 the application for United States a. Letters Patent under 35 U.S.C. §§ 111(a) or (b), which has been executed by the Undersigned previously filed and entitled USE OF NANOPARTICLES IN THE PHOTODYNAMIC TREATMENT OF TUMORS AND NON-DESTRUCTIVE **TESTING**:
- b. Any and all applications for patent or like protection on said improvements that have now been or may in the future be made by me or my legal representatives, whether in the United States of America or any other country or place anywhere in the world;
- Any and all patents and like protection that have now been or may in the future be c. granted on said improvements to me or my legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
- d. Any and all substitutions, divisions, continuations, continuations-in-part, renewals, reissues, reexaminations, extensions, and the like of said applications and/or patents or like grants, including, without limitation, those obtained or permissible under past, present and/or future law and statutes;
- The express right to file foreign applications under the provisions of any convention e. or treaty and claim priority based on any and all application filed in the United States of America based on said improvements;
- f. All rights of action on account of past, present and/or future authorized or unauthorized use of said improvements and for misappropriate of said improvement and/or infringement of said patents derived from said improvements and like protection;

Page 1 of 8

ROBERT W. STROZIER, PLLC REEL: 029256 FRAME: 0716

- g. The right of Assignee to file in its name applications for patents and like protection for said improvements in any country and countries foreign to the United States of America; and
- h. All international rights of priority associated with said improvements, applications, patents and like protection;

(hereinafter "Rights").

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

WARRANT AND COVENANT that the Undersigned have the right to make the assignment set forth herein;

COVENANT, when requested and at the expense of the Assignee, its successors, and/or assigns, the Undersigned will cooperate with the Assignee, its successors, and/or assigns, to carry out in good faith the intent and purpose of this assignment. Such cooperation will include, without limitation:

- (1) Prompt execution of all papers that are deemed necessary or desirable by Assignee to perfect the right, title and interest herein conveyed;
- (2) Prompt execution of all petitions, oaths, specifications, declarations or other papers that are deemed necessary or desirable by Assignee for prosecuting patent applications, for filing and prosecuting substitute, divisional, continuing, or additional applications in the United States of America and/or foreign countries, for filing and prosecuting applications for reissuance or reexamination of previously granted Letters Patent, and for interference proceedings involving and covering any of the Rights, and
- (3) Prompt assistance and cooperation, including, but not limited to, execution of documents and testifying, in the prosecution of legal proceedings involving any of the Rights, including, but not limited to, patent prosecution, interference proceedings, infringement court actions, opposition proceedings, cancellation proceedings, priority contests, unfair competition court actions, trade secret court actions, public use proceedings, slander, license breach and royalty collection proceedings and any other legal proceedings.

Page 2 of 8

TO BE BINDING on the heirs, assigns, representatives and successors of the Undersigned and inure to Assignee, its successors, trustees, devisees and assigns.

EXECUTED THIS & day of January, 2008

Abdelhak Rensaoula

STATE OF TEXAS

§ §

COUNTY OF HARRIS

Ş

BEFORE ME, the undersigned authority, on this day personally appeared Abdelhak Bensaoula, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed and initialed each page of the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this 29 day of January 2008

NOTARY PUBLIC IN AND FOR

THE STATE OF TEXAS



TO BE BINDING on the heirs, assigns, representatives and successors of the Undersigned and inure to Assignee, its successors, trustees, devisees and assigns.

EXECUTED THIS 23day of January, 2008

John Christopher Boney

STATE OF TEXAS

8

COUNTY OF HARRIS

BEFORE ME, the undersigned authority, on this day personally appeared John Christopher Boney, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed and initialed each page of the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this 23 day of January, 2008

NOTARY PUBLIC IN AND FOR

THE STATE OF TEXAS



and inure to Assignee, its successe	ors, trustees, devisees and ass	signs.	
EXECUTED THIS day	y of, 2008		
	A. Sam Beddar		
	A Sum Bruun		
STATE OF TEXAS	\$ \$ \$		
COUNTY OF HARRIS	\$ §		
BEFORE ME, the undersign known to me to be the person acknowledged to me that he execution consideration therein expressed.		to the foregoing	g instrument, and
GIVEN UNDER MY HA	ND and seal of office this	day of	, 2008
	NOTARY PUBL	IC IN AND FOR	
	THE STATE OF	TEXAS	

Page 5 of 8

ASSIGNMENTUSSN: 11/856505; ATT DOCK: 96605/53UTL

PATENT ROBERT W. STROZIER, PLLC REEL: 029256 FRAME: 0720

EXECUTED THIS day of	. , 2008	}	
	Tina Marie Brie	ere	
STATE OF TEXAS	§		
COUNTY OF HARRIS	\$ \$ \$		
BEFORE ME, the undersign Briere , known to me to be the perso acknowledged to me that he execute consideration therein expressed.	n whose name is subscrib	ed to the foregoing	ng instrument, and
GIVEN UNDER MY HAND	and seal of office this	day of	, 2008
	NOTARY PUBL	IC IN AND FOR	
	THE STATE OF	TEXAS	

and inure to Assignee, its successe	ors, trustees, devisees and ass	signs.	
EXECUTED THIS day	y of, 2008		
	Sunil Krishnan		
STATE OF TEXAS	§		
COUNTY OF HARRIS	\$ \$ \$		
BEFORE ME, the undersign known to me to be the person acknowledged to me that he execution consideration therein expressed.		to the foregoing	g instrument, and
GIVEN UNDER MY HA	ND and seal of office this	day of	, 2008
	NOTARY PUBL		
	THE STATE OF	TEXAS	

Page 7 of 8

EXECUTED THIS day of _	, 2008	
-	Andrew K. Lee	
STATE OF TEXAS	§	
COUNTY OF HARRIS	§ § §	
, known to me to be the person who	authority, on this day personally appeared Andrew K. L ose name is subscribed to the foregoing instrument, a and initialed each page of the same for the purposes a	ınd
GIVEN UNDER MY HAND a	nd seal of office this day of, 2008	
-	NOTARY PUBLIC IN AND FOR	

Page 8 of 8

ASSIGNMENT USSN: 11/856505; ATT DOCK: 96605/53UTL

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: BENBAOULA ET AL.

SERIAL NO: 11/856505

§ EXAMINER: § GROUP ART UNIT:

FILED:

09/17/2008

§ DOCKET: 96605/53UTL

FOR: USE OF NANOPARTICLES IN THE

PHOTODYNAMIC TREATMENT OF TUMORS AND

NON-DESTRUCTIVE TESTING

8 6

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged Abdelhak Bensaoula, John Christopher Boney, A. Sam Beddar, Tina Marie Eriere, Sunil Krishnan, and Andrew K. Lee (the "Undersigned") do hereby: SELL, ASSIGN AND TRANSFER to THE UNIVERSITY OF HOUSTON SYSTEM (the "Assignee"), a Texas institution of higher learning having a place of business at 4800 Calhoun Road, Houston, Texas 77204, its successors, trustees, devisees and assigns, the entire right, title and interest for the United States and all foreign countries in and to:

- a. Any and all improvements which are disclosed in the application for United States Letters Patent under 35 U.S.C. §§ 111(a) or (b), which has been executed by the Undersigned previously filed and entitled USE OF NANOPARTICLES IN THE PHOTODYNAMIC TREATMENT OF TUMORS AND NON-DESTRUCTIVE TESTING;
- b. Any and all applications for patent or like protection on said improvements that have now been or may in the future be made by me or my legal representatives, whether in the United States of America or any other country or place anywhere in the world:
- c. Any and all patents and like protection that have now been or may in the future be granted on said improvements to me or my legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
- d. Any and all substitutions, divisions, continuations, continuations-in-part, renewals, reissues, reexaminations, extensions, and the like of said applications and/or patents or like grants, including, without limitation, those obtained or permissible under past, present and/or future law and statutes;
- e. The express right to file foreign applications under the provisions of any convention or treaty and claim priority based on any and all application filed in the United States of America based on said improvements;
- f. All rights of action on account of past, present and/or future authorized or unauthorized use of said improvements and for misappropriate of said improvement and/or infringement of said patents derived from said improvements and like protection;

Page 1 of 8

ASSIGNMENT USSN: 11/856505; ATT DOCK: 9(i605/53UTL

ROBERT W. STROZIER PLIC

- g. The right of Assignee to file in its name applications for patents and like protection for said improvements in any country and countries foreign to the United States of America; and
- h. All international rights of priority associated with said improvements, applications, patents and like protection;

(hereinafter "Rights").

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

WARRANT AND COVENANT that the Undersigned have the right to make the assignment set forth herein;

COVENANT, when requested and at the expense of the Assignee, its successors, and/or assigns, the Undersigned will cooperate with the Assignee, its successors, and/or assigns, to carry out in good faith the intent and purpose of this assignment. Such cooperation will include, without limitation:

- (1) Prompt execution of all papers that are deemed necessary or desirable by Assignee to perfect the right, title and interest herein conveyed;
- (2) Prompt execution of all petitions, oaths, specifications, declarations or other papers that are deemed necessary or desirable by Assignee for prosecuting patent applications, for filing and prosecuting substitute, divisional, continuing, or additional applications in the United States of America and/or foreign countries, for filing and prosecuting applications for reissuance or reexamination of previously granted Letters Patent, and for interference proceedings involving and covering any of the Rights, and
- (3) Prompt assistance and cooperation, including, but not limited to, execution of documents and testifying, in the prosecution of legal proceedings involving any of the Rights, including, but not limited to, patent prosecution, interference proceedings, infringement court actions, opposition proceedings, cancellation proceedings, priority contests, unfair competition court actions, trade secret court actions, public use proceedings, slander, license breach and royalty collection proceedings and any other legal proceedings.

Page 2 of 8

ASSIGNMENT USSN: 11/856505; ATT DOCK: \$6605/53UTL

ROBERT W. STROZIER, PLLC

EXECUTED THIS day of _	, 2008	
	Abdelhak Bensaoula	
STATE OF TEXAS	§	
COUNTY OF HARRIS	§ § §	
Bensaoula, known to me to be the pe	ed authority, on this day personally appeared Abdell son whose name is subscribed to the foregoing instrumed ed and initialed each page of the same for the purposes and initial ed each page of the same for the purposes and initial ed each page of the same for the purposes and initial ed each page of the same for the purposes and initial ed each page of the same for the purposes and initial ed each page of the same for the purposes and initial ed each page of the same for the purposes and initial ed each page of the same for the purposes and initial ed each page of the same for the purposes and initial ed each page of the same for the purposes and initial ed each page of the same for the purposes and initial ed each page of the same for the purposes and initial ed each page of the same for the purposes and initial ed each page of the same for the purposes and initial ed each page of the same for the purposes and initial ed each page of the same for the purposes and initial ed each page of the same for the purposes and initial ed each page of the same for the purposes and initial ed each page of the same for the purposes and initial ed each page of the same for the purposes and initial ed each page of the same for the purposes and initial ed each page of the same for the	nt,
GIVEN UNDER MY HAND	nd seal of office this day of, 2008	

Page 3 of 8

ASSIGNMENT USSN: 11/856505; ATT DOCK: 96605/53UTL

EXECUTED THIS day	of, 2008		
	John Christophe	r Boney	
STATE OF TEXAS	§		
COUNTY OF HARRIS	\$ \$ \$		
BEFORE ME, the undersign Boney, known to me to be the persacknowledged to me that he executions therein expressed.		ed to the foregoin	ng instrument, and
GIVEN UNDER MY HAN	ID and seal of office this	_ day of	, 2008
	NOTARY PUBLI		
	THE STATE OF	LEXAS	

PATENT ROBERT W. STROZIER, PLLC REEL: 029256 FRAME: 0727 TO BE BINDING on the heirs, assigns, representatives and successors of the Undersigned and inure to Assignee, its successors, trustees, devisees and assigns.

EXECUTED THIS 24 day of January, 2008

Sam Beddar

STATE OF TEXAS

COUNTY OF HARRIS

BEFORE ME, the undersigned authority, on this day personally appeared A. Sam Beddar, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed and initialed each page of the same for the purposes and consideration therein expressed.

§

§

GIVEN UNDER MY HAND and seal of office this 24 day of January, 2008

NOTARY PUBLIC IN AND FOR

THE STATE OF TEXAS

DEBORAH L. TANNER
Notary Public, State of Texas
My Commission Expires
December 28, 2011

TO BE BINDING on the heirs, assigns, representatives and successors of the Undersigned and inure to Assignee, its successors, trustees, devisees and assigns.

EXECUTED THIS 24 day of January, 2008

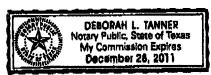
STATE OF TEXAS

COUNTY OF HARRIS

BEFORE ME, the undersigned authority, on this day personally appeared Tina Marie Briere, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed and initialed each page of the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this 24 day of January, 2008

THE STATE OF TEXAS



and inure to Assignee, its successe	ors, trustees, devisees and ass	signs.	
EXECUTED THIS day	y of, 2008		
	Sunil Krishnan		
STATE OF TEXAS	§		
COUNTY OF HARRIS	\$ \$ \$		
BEFORE ME, the undersign known to me to be the person acknowledged to me that he execution consideration therein expressed.		to the foregoing	g instrument, and
GIVEN UNDER MY HA	ND and seal of office this	day of	, 2008
	NOTARY PUBL		
	THE STATE OF	TEXAS	

Page 7 of 8

and inure to Assignee, its success	sors, trustees, devisees and assigns.	
EXECUTED THIS day	y of, 2008	
	Andrew K. Lee	
	Amarew IX 200	
STATE OF TEXAS	\$ \$ \$	
COUNTY OF HARRIS	\$ §	
, known to me to be the person	igned authority, on this day personal n whose name is subscribed to the cuted and initialed each page of the	e foregoing instrument, and
GIVEN UNDER MY HA	ND and seal of office this day	of, 2008
	NOTARY PUBLIC IN A	AND FOR
	THE STATE OF TEXA	S

Page 8 of 8

ASSIGNMENTUSSN: 11/856505; ATT DOCK: 96605/53UTL

PATENT ROBERT W. STROZIER, PLLC REEL: 029256 FRAME: 0731

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: BENSAOULA ET AL. § EXAMINER:

SERIAL NO: 11/85/5505 § GROUP ART UNIT: 09/17/2008 FILED:

§ DOCKET: 96605/53UTL

FOR: USE OF NANOPARTICLES IN THE

PHOTODYNAMIC TREATMENT OF TUMORS AND §

NON-DESTRUCTIVE TESTING

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged Abdelhak Bensaoula, John Christopher Boney, A. Sam Beddar, Tina Marie Briere, Sunil Krishnan, and Andrew K. Lee (the "Undersigned") do hereby: SELL, ASSIGN AND TRANSFER to THE UNIVERSITY OF HOUSTON SYSTEM (the "Assignee"), a Texas institution of higher learning having a place of business at 4800 Calhoun Road, Houston, Texas 77204, its successors, trustees, devisees and assigns, the entire right, title and interest for the United States and all foreign countries in and to:

- 8. Any and all improvements which are disclosed in the application for United States Letters Patent under 35 U.S.C. §§ 111(a) or (b), which has been executed by the Undersigned previously filed and entitled USE OF NANOPARTICLES IN THE PHOTODYNAMIC TREATMENT OF TUMORS AND NON-DESTRUCTIVE TESTING:
- b. Any and all applications for patent or like protection on said improvements that have now been or may in the future be made by me or my legal representatives, whether in the United States of America or any other country or place anywhere in the world;
- C. Any and all patents and like protection that have now been or may in the future be granted on said improvements to me or my legal representatives, whether in the United States of America or in any other country or place anywhere in the world:
- d. Any and all substitutions, divisions, continuations, continuations-in-part, renewals, reissues, reexaminations, extensions, and the like of said applications and/or patents or like grants, including, without limitation, those obtained or permissible under past, present and/or future law and statutes;
- The express right to file foreign applications under the provisions of any convention e. or treaty and claim priority based on any and all application filed in the United States of America based on said improvements;
- f. All rights of action on account of past, present and/or future authorized or unauthorized use of said improvements and for misappropriate of said improvement and/or infringement of said patents derived from said improvements and like protection;

Page 1 of 8

assignment USSN: 11/856565; ATT DOCK: \$6605/53UTL

ROBERT W. STROZIER, PLLC

- g. The right of Assignee to file in its name applications for patents and like protection for said improvements in any country and countries foreign to the United States of America; and
- h. All international rights of priority associated with said improvements, applications, patents and like protection;

(hereinafter "Rights").

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States of America and foreign putents 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;

WARRANT AND COVENANT that the Undersigned have the right to make the assignment set forth herein;

COVENANT, when requested and at the expense of the Assignee, its successors, and/or assigns, the Undersigned will cooperate with the Assignee, its successors, and/or assigns, to carry out in good faith the intent and purpose of this assignment. Such cooperation will include, without limitation:

- (1) Prompt execution of all papers that are deemed necessary or desirable by Assignee to perfect the right, title and interest herein conveyed;
- (2) Prompt execution of all petitions, oaths, specifications, declarations or other papers that are deemed necessary or desirable by Assignee for prosecuting patent applications, for filing and prosecuting substitute, divisional, continuing, or additional applications in the United States of America and/or foreign countries, for filing and prosecuting applications for reissuance or reexamination of previously granted Letters Patent, and for interference proceedings involving and covering any of the Rights, and
- (3) Prompt assistance and cooperation, including, but not limited to, execution of documents and testifying, in the prosecution of legal proceedings involving any of the Rights, including, but not limited to, patent prosecution, interference proceedings, infringement court actions, opposition proceedings, cancellation proceedings, priority contests, unfair competition court actions, trade secret court actions, public use proceedings, slander, license breach and royalty collection proceedings and any other legal proceedings.

Page 2 of 8

EXECUTED THIS day of	, 2008	
	Abdelhak Bensaoula	
STATE OF TEXAS	§	
COUNTY OF HARRIS	§ § §	
	ed authority, on this day personally appeared rson whose name is subscribed to the foregoing it	
and acknowledged to me that he execu	ted and initialed each page of the same for the pu	
and acknowledged to me that he execu consideration therein expressed.	· ·	rposes and
and acknowledged to me that he execu consideration therein expressed.	ted and initialed each page of the same for the pu	rposes and

TO BE BINDING on the heirs and inure to Assignee, its successors,			f the Undersigned
EXECUTED THIS day of _	, 2008	3	
	John Christoph	er Boney	
STATE OF TEXAS	§ .		
COUNTY OF HARRIS	\$ \$ \$		
BEFORE ME, the undersigned Boney , known to me to be the person acknowledged to me that he executed consideration therein expressed.	whose name is subscrib	ed to the foregoin	ng instrument, and
GIVEN UNDER MY HAND	and seal of office this	day of	, 2008
-	NOTARY PUBL	IC IN AND FOR	
	THE STATE OF	TEXAS	

EXECUTED THIS day of	. 2008	
	A. Sam Beddar	
STATE OF TEXAS	\$ \$ \$	
COUNTY OF HARRIS	\$ §	
known to me to be the person whose	nthority, on this day personally appeared A. Sam Bo name is subscribed to the foregoing instrument in the initialed each page of the same for the purpos	nt, and
GIVEN UNDER MY HAND and	I seal of office this, 20	08
	NOTARY PUBLIC IN AND FOR	
	THE STATE OF TEXAS	

Page 5 of 8

ASSIGNMENT USSN: 11/856505; ATT DOCK: 96605/53UTL

EXECUTED THIS day	y of, 2008	
	Tina Marie Briere	
STATE OF TEXAS	§	
COUNTY OF HARRIS	\$ \$ \$	
Briere, known to me to be the pe	signed authority, on this day personally appearson whose name is subscribed to the foregoing tuted and initialed each page of the same for	ng instrument, and
GIVEN UNDER MY HA	ND and seal of office this day of	, 2008
	NOTARY PUBLIC IN AND FOR	
	THE STATE OF TEXAS	

TO BE BINDING on the heirs, assigns, representatives and successors of the Undersigned and inure to Assignee, its successors, trustees, devisees and assigns.

EXECUTED THIS 25 day of January, 2008

Sunil Krishnan

STATE OF TEXAS

§ 8

COUNTY OF HARRIS

8

BEFORE ME, the undersigned authority, on this day personally appeared Sunil Krishnan, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed and initialed each page of the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this 25

January, 2008

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

KIM HUYNH-TRAN
Notary Public
STATE OF TEXAS
My Comm. Exp. 04-24-11

and inure to Assignee, its success	sors, trustees, devisees and assigns.	
EXECUTED THIS day	y of, 2008	
	Andrew K. Lee	
	Amarew IX 200	
STATE OF TEXAS	\$ \$ \$	
COUNTY OF HARRIS	\$ §	
, known to me to be the person	igned authority, on this day personant whose name is subscribed to the cuted and initialed each page of the cuted and the cuted and the cuted each page of the cuted and the cuted each page of the cuted each p	he foregoing instrument, and
GIVEN UNDER MY HA	ND and seal of office this da	y of, 2008
	NOTARY PUBLIC IN	AND FOR
	THE STATE OF TEX	AS

Page 8 of 8

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: BENSAOULA ET AL. § EXAMINER:

SERIAL NO: 11/856505 § GROUP ART UNIT: FILED: 09/17/2008 § DOCKET: 96605/53UTL

FOR: **USE OF NANOPARTICLES IN THE** PHOTODYNAMIC TREATMENT OF TUMORS AND

§ § § NON-DESTRUCTIVE TESTING

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged Abdelhak Bensaoula, John Christopher Boney, A. Sam Beddar, Tina Marie Briere, Sunil Krishnan, and Andrew K. Lee (the "Undersigned") do hereby: SELL, ASSIGN AND TRANSFER to THE UNIVERSITY OF HOUSTON SYSTEM (the "Assignee"), a Texas institution of higher learning having a place of business at 4800 Calhoun Road, Houston, Texas 77204, its successors, trustees, devisees and assigns, 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 the application for United States a. Letters Patent under 35 U.S.C. §§ 111(a) or (b), which has been executed by the Undersigned previously filed and entitled USE OF NANOPARTICLES IN THE PHOTODYNAMIC TREATMENT OF TUMORS AND NON-DESTRUCTIVE **TESTING**:
- b. Any and all applications for patent or like protection on said improvements that have now been or may in the future be made by me or my legal representatives, whether in the United States of America or any other country or place anywhere in the world;
- Any and all patents and like protection that have now been or may in the future be c. granted on said improvements to me or my legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
- d. Any and all substitutions, divisions, continuations, continuations-in-part, renewals, reissues, reexaminations, extensions, and the like of said applications and/or patents or like grants, including, without limitation, those obtained or permissible under past, present and/or future law and statutes;
- The express right to file foreign applications under the provisions of any convention e. or treaty and claim priority based on any and all application filed in the United States of America based on said improvements;
- f. All rights of action on account of past, present and/or future authorized or unauthorized use of said improvements and for misappropriate of said improvement and/or infringement of said patents derived from said improvements and like protection;

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- g. The right of Assignee to file in its name applications for patents and like protection for said improvements in any country and countries foreign to the United States of America; and
- h. All international rights of priority associated with said improvements, applications, patents and like protection;

(hereinafter "Rights").

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

WARRANT AND COVENANT that the Undersigned have the right to make the assignment set forth herein;

COVENANT, when requested and at the expense of the Assignee, its successors, and/or assigns, the Undersigned will cooperate with the Assignee, its successors, and/or assigns, to carry out in good faith the intent and purpose of this assignment. Such cooperation will include, without limitation:

- (1) Prompt execution of all papers that are deemed necessary or desirable by Assignee to perfect the right, title and interest herein conveyed;
- (2) Prompt execution of all petitions, oaths, specifications, declarations or other papers that are deemed necessary or desirable by Assignee for prosecuting patent applications, for filing and prosecuting substitute, divisional, continuing, or additional applications in the United States of America and/or foreign countries, for filing and prosecuting applications for reissuance or reexamination of previously granted Letters Patent, and for interference proceedings involving and covering any of the Rights, and
- (3) Prompt assistance and cooperation, including, but not limited to, execution of documents and testifying, in the prosecution of legal proceedings involving any of the Rights, including, but not limited to, patent prosecution, interference proceedings, infringement court actions, opposition proceedings, cancellation proceedings, priority contests, unfair competition court actions, trade secret court actions, public use proceedings, slander, license breach and royalty collection proceedings and any other legal proceedings.

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EXECUTED THIS day of _	, 2008	
-	Abdelhak Bensaoula	
STATE OF TEXAS	§	
COUNTY OF HARRIS	§ § §	
Bensaoula, known to me to be the per	ed authority, on this day personally appeared Abdelha l son whose name is subscribed to the foregoing instrument ed and initialed each page of the same for the purposes and	t,
GIVEN UNDER MY HAND a	and seal of office this day of, 2008	
_	NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS	-

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and inure to Assignee, its successors, t EXECUTED THIS day of _			
EXECUTED THIS day of _	, 2006	,	
_	John Christoph	er Boney	
STATE OF TEXAS	§		
COUNTY OF HARRIS	\$ \$ \$		
BEFORE ME, the undersigned Boney , known to me to be the person acknowledged to me that he executed consideration therein expressed.	whose name is subscrib	ed to the foregoin	g instrument, and
GIVEN UNDER MY HAND a	and seal of office this	day of	, 2008
-	NOTARY PUBL	IC IN AND FOR	
	THE STATE OF	TEXAS	

and inure to Assignee, its successors,	trustees, devisees and ass	signs.	
EXECUTED THIS day of	, 2008		
	A. Sam Beddar		
STATE OF TEXAS	§ .		
COUNTY OF HARRIS	\$ \$ \$		
BEFORE ME, the undersigned known to me to be the person who acknowledged to me that he executed consideration therein expressed.	ose name is subscribed	to the foregoing	instrument, and
GIVEN UNDER MY HAND	and seal of office this	day of	, 2008
	NOTARY PUBLI		_
	THE STATE OF	TEXAS	

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PATENT ROBERT W. STROZIER, PLLC REEL: 029256 FRAME: 0744

EXECUTED THIS day of	, 2008		
	Tina Marie Brie	re	
STATE OF TEXAS	§		
COUNTY OF HARRIS	\$ \$ \$		
BEFORE ME, the undersigned Briere, known to me to be the person acknowledged to me that he executed consideration therein expressed.	n whose name is subscrib	ed to the foregoing ins	strument, and
GIVEN UNDER MY HAND	and seal of office this	day of	, 2008
	NOTARY PUBL	IC IN AND FOR	
	THE STATE OF	TEXAS	

and inure to Assignee, its successors, trus	-	
EXECUTED THIS day of	, 2008	
	Sunil Krishnan	
	Sunn Krisinian	
STATE OF TEXAS	§ 8	
COUNTY OF HARRIS	\$ \$ \$	
known to me to be the person whose	nthority, on this day personally appeared Sunil Kris name is subscribed to the foregoing instrument initialed each page of the same for the purpose	it, and
GIVEN UNDER MY HAND and	I seal of office this, 200	08
	NOTARY PUBLIC IN AND FOR	
	THE STATE OF TEXAS	

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TO BE BINDING on the heirs, assigns, representatives and successors of the Undersigned and inure to Assignee, its successors, trustees, devisees and assigns.

EXECUTED THIS & day of Echrusty

. 2008

Andrew K. Lee

STATE OF TEXAS

§ §

COUNTY OF HARRIS

8

BEFORE ME, the undersigned authority, on this day personally appeared Andrew K. Lee, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed and initialed each page of the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this [

Estrusy 200

NOTARY PUBLIC IN AND FOR

THE STATE OF TEXAS



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ROBERT W. STROZIER, PLLC

PATENT REEL: 029256 FRAME: 0747

RECORDED: 11/07/2012