

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3056341

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
C. FRANK BENNETT	09/03/2004
SUSAN M. FREIER	08/24/2004
RICHARD H. GRIFFEY	08/24/2004
RECEIVING PARTY DATA	
Name:	ISIS PHARMACEUTICALS, INC.
Street Address:	2292 FARADAY AVENUE
City:	CARLSBAD
State/Country:	CALIFORNIA
Postal Code:	92008
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14143943
CORRESPONDENCE DATA	
Fax Number:	(608)662-1276
<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>	
Email:	macheckett@casimirjones.com
Correspondent Name:	REBECCA B. SCARR
Address Line 1:	CASIMIR JONES S.C.
Address Line 2:	2275 DEMING WAY, STE 310
Address Line 4:	MIDDLETON, WISCONSIN 53562
ATTORNEY DOCKET NUMBER:	REGUL-32413/US-20/DIV
NAME OF SUBMITTER:	REBECCA B. SCARR
SIGNATURE:	/Rebecca B. Scarr/
DATE SIGNED:	10/08/2014
Total Attachments: 15	
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ASSIGNMENT

WHEREAS, we, Christine Esau of La Jolla, California, Bridget Lollo of Encinitas, California, C. Frank Bennett of Carlsbad, California, Susan M. Freier of San Diego, California, Richard H. Griffey of Vista, California, Brenda F. Baker of Carlsbad, California, Timothy A. Vickers of Oceanside, California, Eric G. Marcusson of San Diego, Erich Koller of Carlsbad, California, Eric E. Swayze of Carlsbad, California, Ravi Jain of Carlsbad, California, Balkrishen Bhat of Carlsbad, California, and Eigen Peralta of Chula Vista, California hereinafter referred to as the assignors, have invented a certain invention entitled "Oligomeric Compounds And Compositions For Use In Modulation Of Small NonCoding RNAs," for which we have made an application for Letters Patent of the United States, said application having been filed on July 30, 2004 and assigned Application No. 10/909,125; and

WHEREAS, ISIS Pharmaceuticals, Inc., hereinafter referred to as the assignee, of 2292 Faraday Avenue, Carlsbad CA, a corporation of Delaware, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Dated: Aug. 27, 2004

Christine Esau
Christine Esau

State of California)
)
County of San Diego) ss.


On this 27th day of August, 2004, before me, the undersigned, a Notary Public for the state, personally appeared Christine Esau, personally known to me/~~proved to me on the basis of satisfactory evidence~~ to be the person who subscribed the foregoing Assignment and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

WITNESS my hand and official seal.



Laura Eames
Signature of Notary

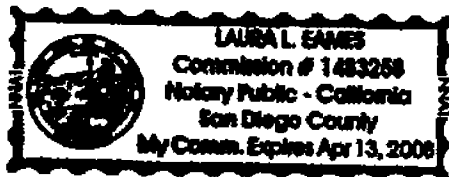
Dated: Aug 27, 2004

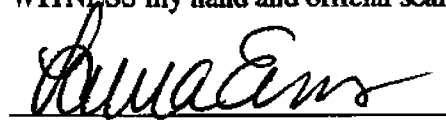

Bridget Lollo

State of California)
)
County of San Diego) ss.

On this 27th day of August, 2004, before me, the undersigned, a Notary Public for the state, personally appeared **Bridget Lollo**, personally known to me/~~proved to me on the basis of satisfactory evidence~~ to be the person who subscribed the foregoing Assignment and acknowledged to me that ~~he~~/she executed the same in ~~his~~/her authorized capacity, and that by ~~his~~/her signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

WITNESS my hand and official seal.

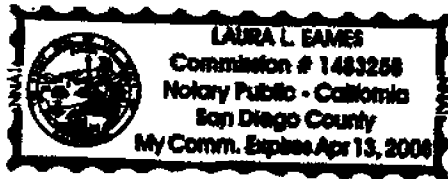



Signature of Notary

Dated: 9-3-04, 2004C. Frank Bennett
C. Frank BennettState of California)
)
County of San Diego) ss.

On this 3rd day of September, 2004, before me, the undersigned, a Notary Public for the state, personally appeared C. Frank Bennett, personally known to me/~~proved to me on the basis of satisfactory evidence~~ to be the person who subscribed the foregoing Assignment and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized capacity, and that by his/~~her~~ signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

WITNESS my hand and official seal.

Laura Eames
Signature of Notary

Dated: 24-Aug, 2004

Susan M Freier
Susan M. Freier

State of California)
) ss.
County of San Diego)

On this 24th day of August, 2004, before me, the undersigned, a Notary Public for the state, personally appeared ~~Steven~~ Susan M. Freier, personally known to me/~~proved to me on the basis of satisfactory evidence~~ to be the person who subscribed the foregoing Assignment and acknowledged to me that ~~he~~she executed the same in ~~his~~her authorized capacity, and that by ~~his~~her signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

WITNESS my hand and official seal.



Laura Eames
Signature of Notary

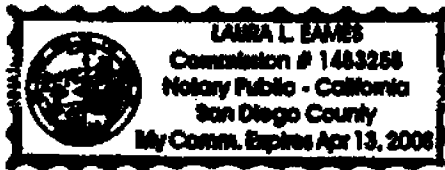
Dated: 8/24/04, 2004

Richard H. Griffey
Richard H. Griffey

State of California)
)
County of San Diego) ss.

On this 24th day of August, 2004, before me, the undersigned, a Notary Public for the state, personally appeared **Richard H. Griffey**, personally known to me/~~proved to me on the basis of satisfactory evidence~~ to be the person who subscribed the foregoing Assignment and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

WITNESS my hand and official seal.



Laura Eames
Signature of Notary

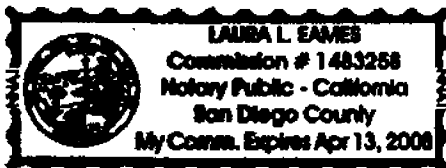
Dated: Aug 24, 2004


Brenda F. Baker

State of California)
)
County of San Diego) ss.

On this 24th day of August, 2004, before me, the undersigned, a Notary Public for the state, personally appeared Brenda F. Baker, personally known to me/~~proved to me on the basis of satisfactory evidence~~ to be the person who subscribed the foregoing Assignment and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

WITNESS my hand and official seal.




Signature of Notary

Dated: 9/1, 2004

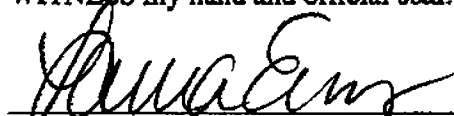

Timothy A. Vickers

State of California)
)
County of San Diego) ss.


On this 1st day of September 2004, before me, the undersigned, a Notary Public for the state, personally appeared **Timothy A. Vickers**, personally known to me/~~proved to me on the basis of satisfactory evidence~~ to be the person who subscribed the foregoing Assignment and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized capacity, and that by his/~~her~~ signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

WITNESS my hand and official seal.




Signature of Notary

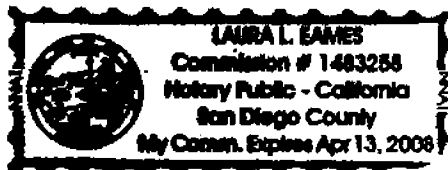
Dated: 8/27, 2004



Eric G. Marcusson


State of California)
) ss.
County of San Diego)

On this 27th day of August, 2004, before me, the undersigned, a Notary Public for the state, personally appeared **Eric G. Marcusson**, personally known to me/~~proved to me on the basis of satisfactory evidence~~ to be the person who subscribed the foregoing Assignment and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized capacity, and that by his/~~her~~ signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

WITNESS my hand and official seal.


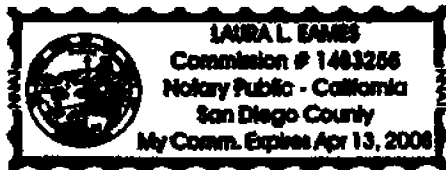



Signature of Notary

Dated: 8/27, 2004
Erich KollerState of California)
County of San Diego) ss.

On this 27th day of August, 2004, before me, the undersigned, a Notary Public for the state, personally appeared Erich Koller, personally known to me/~~proved to me on the basis of satisfactory evidence~~ to be the person who subscribed the foregoing Assignment and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

WITNESS my hand and official seal.


Signature of Notary

DOCKET NO. ISIS0080-100 (CORE0016US)

PATENT APPLICATION
Joint Inventors

Dated: 9/07, 2004

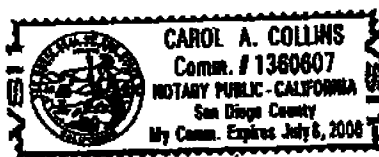

Eric E. Swayze

State of California)
)
County of San Diego) ss.

On this 7th day of September, 2004, before me, the undersigned, a Notary Public for the state, personally appeared **Eric E. Swayze**, personally known to me/proved to me on the basis of satisfactory evidence to be the person who subscribed the foregoing Assignment and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

WITNESS my hand and official seal.

Carol A. Collier
Signature of Notary



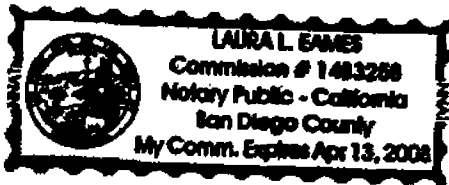
Dated: 25 August, 2004

Ravi Jain
Ravi Jain

State of California)
)
County of San Diego) ss.

On this 25th day of August, 2004, before me, the undersigned, a Notary Public for the state, personally appeared Ravi Jain, personally known to me/~~proved to me on the basis of satisfactory evidence~~ to be the person who subscribed the foregoing Assignment and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized capacity, and that by his/~~her~~ signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

WITNESS my hand and official seal.



Laura Eames
Signature of Notary

Dated: 8-27, 2004

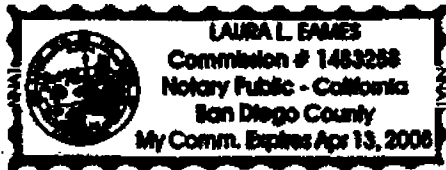
Balkrishen Bhat

Balkrishen Bhat

State of California)
)
County of San Diego) ss.

On this 27th day of August, 2004, before me, the undersigned, a Notary Public for the state, personally appeared **Balkrishen Bhat**, personally known to me/~~proved to me on the basis of satisfactory evidence~~ to be the person who subscribed the foregoing Assignment and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized capacity, and that by his/~~her~~ signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

WITNESS my hand and official seal.



Laura Eames
Signature of Notary

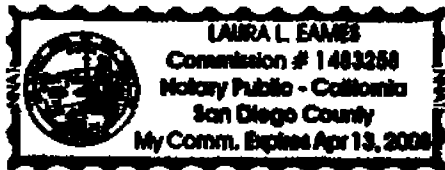
Dated: August 25, 2004

Eigen R. Peralta
Eigen Peralta

State of California)
)
County of San Diego) ss.

On this 25th day of August, 2004, before me, the undersigned, a Notary Public for the state, personally appeared **Eigen Peralta**, personally known to me/~~proved to me on the basis of satisfactory evidence~~ to be the person who subscribed the foregoing Assignment and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized capacity, and that by his/~~her~~ signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

WITNESS my hand and official seal.




Signature of Notary