

05-06-1999

FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027



101031342

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

4.22.99 mld

**Submission Type**

New

Resubmission (Non-Recordation)  
Document ID#

Correction of PTO Error  
Reel #  Frame #

Corrective Document  
Reel #  Frame #

**Conveyance Type**

Assignment  Security Agreement

License  Change of Name

Merger  Other

**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)

Departmental File  Secret File

**Conveying Party(ies)**

Mark if additional names of conveying parties attached Execution Date  
Month Day Year

Name (line 1) Adnan M.M. Mjalli

03-04-99

Name (line 2)

**Second Party**

Execution Date  
Month Day Year

Name (line 1) James Christopher Mason

03-11-99

Name (line 2)

**Receiving Party**

Mark if additional names of receiving parties attached

Name (line 1) ONTOGEN CORPORATION

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1) 6451 El Camino Real

Address (line 2)

Address (line 3) Carlsbad California/USA 92009

City

State/Country

Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name Frank S. Chow, Chief Patent Counsel

Address (line 1) ONTOGEN CORPORATION

Address (line 2) 6451 El Camino Real

Address (line 3) Carlsbad, California 92009

Address (line 4)

**FOR OFFICE USE ONLY**

05/06/1999 DNGUYEN 00000076 60078065

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(40.00 DP)

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
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**PATENT**  
**REEL: 9923 FRAME: 0353**

**Correspondent Name and Address**

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Pages** Enter the total number of pages of the attached conveyance document including any attachments. #

**Application Number(s) or Patent Number(s)**

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT  PCT  PCT   
PCT  PCT  PCT

**Number of Properties**

Enter the total number of properties involved. #

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:  
Deposit Account

Enclosed  Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

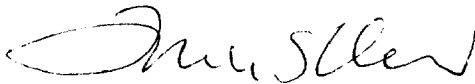
Authorization to charge additional fees:

Yes  No

**Statement and Signature**

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.*

Frank S. Chow, Esq.



Name of Person Signing

Signature

Date

# RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

## Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date  
Month Day Year

Name (line 1) Kristen Lee Arienti

03-11-99

Name (line 2)

Execution Date  
Month Day Year

Name (line 1) Kevin Michael Short

03-11-99

Name (line 2)

Execution Date  
Month Day Year

Name (line 1) Rachel Denise Anne Kimmich

03-11-99

Name (line 2)

## Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

## Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

### ASSIGNMENT OF APPLICATION

Docket Number (Optional)  
ONTO 32US

Whereas, I, Adnan M.M. Mjalli of Louisville, Kentucky, hereafter referred to as applicant, have invented certain new and useful improvements in Piperazines as Modulators of Fructose 1,6-Bisphosphatase (FBPase)

for which an application for a United States Patent was filed on March 15, 1999,  
Application Number 09 / 270121.

for which an application for a United States Patent was executed on \_\_\_\_\_, and

Whereas, Barry E. Toyonaga of Ontogen Corporation herein referred to "assignee" whose post office address is 6451 El Camino Real, Carlsbad, CA 92009 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ONE dollars (\$ 1.00 ), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States. I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 18<sup>th</sup> day of March, 1999,  
at Louisville / KY /

Adnan Mjalli  
(Signature)

State of Kentucky ) SS:  
County of Jefferson )

Before me personally appeared said Adnan Mjalli  
and acknowledged the foregoing instrument to be his free act and deed this 18<sup>th</sup>  
day of March, 1999.

Seal **Angela D. Wilson**  
Notary Public, State at Large, KY  
My Commission Expires **July 28, 2004**

Angela D. Wilson  
(Notary Public)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

ASSIGNMENT OF APPLICATION

Docket Number (Optional) ONTO 32US

Whereas, I, Kevin Michael Short of Vista, California, hereafter referred to as applicant, have invented certain new and useful improvements in Piperazines as Modulators of Fructose 1,6-Bisphosphatase (FBPase)

[X] for which an application for a United States Patent was filed on March 15, 1999 Application Number 09 / 270121 [ ] for which an application for a United States Patent was executed on \_\_\_\_\_, and

Whereas, Barry S. Toyonaga of Ontogen Corporation herein referred to "assignee" whose post office address is 6451 El Camino Real, Carlsbad, CA 92009 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ONE dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 11th day of March, 1999 at Carlsbad, California

Kevin Short (Signature)

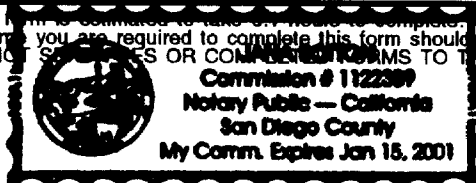
State of California SS: County of San Diego

Before me personally appeared said Kevin Short and acknowledged the foregoing instrument to be his free act and deed this 11th day of March, 1999.

James P. Hutton (Notary Public)

Seal

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**ASSIGNMENT OF APPLICATION**

Docket Number (Optional)  
ONTO 32 US

Whereas, I, Kristen Lee Arienti of San Diego, California, hereafter referred to as applicant, have invented certain new and useful improvements in PIPERAZINES AS INHIBITORS OF FRUCTOSE 1,6-BISPHOSPHATASE (FBPase)

for which an application for a United States Patent was filed on March 15, 1999,  
Application Number 09 /270121.

for which an application for a United States Patent was executed on \_\_\_\_\_, and

Whereas, Barry S. Toyonaga of ONTOGEN CORPORATION herein referred to "assignee" whose post office address is 6451 El Camino Real, Carlsbad, CA 92009 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ONE dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States. I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 11<sup>th</sup> day of March, 19 99,  
at Carlsbad, California

Kristen L. Arienti  
(Signature)

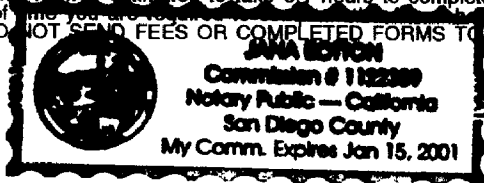
State of California SS:  
County of San Diego

Before me personally appeared said Kristen Arienti  
and acknowledged the foregoing instrument to be his free act and deed this 11<sup>th</sup>  
day of March, 19 99.

Seal

Jane Proton  
(Notary Public)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to spend should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.



# ASSIGNMENT OF APPLICATION

Docket Number (Optional)

ONTO 32 US

Whereas, I, James Christopher Mason of San Diego, California, hereafter referred to as applicant, have invented certain new and useful improvements in PIPERAZINES AS INHIBITORS OF FRUCTOSE 1,6-BISPHOSPHATASE (FBPase)

for which an application for a United States Patent was filed on March 15, 1999, Application Number 09 / 270121.

for which an application for a United States Patent was executed on \_\_\_\_\_, and

Whereas, Barry S. Toyonaga of Ontogen Corporation herein referred to "assignee" whose post office address is 6451 El Camino Real, Carlsbad, CA 92009 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ONE dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 11th day of March, 19 99, at Carlsbad, California

James C. Mason  
(Signature)

State of California, SS:

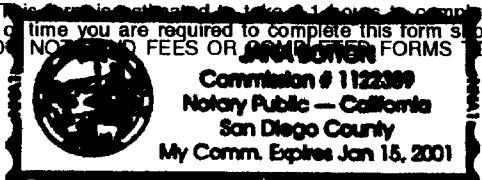
County of San Diego

Before me personally appeared said James Mason and acknowledged the foregoing instrument to be his free act and deed this 11th day of March, 19 99.

Jana Proton  
(Notary Public)

Seal

Burden Hour Statement: ~~The time is estimated to take 1 hour to complete.~~ Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. ~~DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks,~~



### ASSIGNMENT OF APPLICATION

Docket Number (Optional)  
ONTO 32 US

Whereas, I, Todd Kevin of JONES, hereafter referred to as applicant, have invented certain new and useful improvements in Piperazines as Modulators of Fructose 1,6-Bisphosphatase (FBPase)

for which an application for a United States Patent was filed on March 15, 1999,  
Application Number 09 / 270121.

for which an application for a United States Patent was executed on \_\_\_\_\_, and

Whereas, Barry E. Toyonaga of Ontogen Corporation herein referred to "assignee" whose post office address is 6451 El Camino Real, Carlsbad, CA 92009 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ONE dollars (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 11<sup>th</sup> day of March, 19 99,  
at Carlsbad, California

Todd Jones  
\_\_\_\_\_  
(Signature)

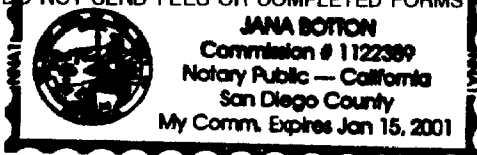
State of California ) SS:  
County of San Diego )

Before me personally appeared said Todd Jones  
and acknowledged the foregoing instrument to be his free act and deed this 11<sup>th</sup>  
day of March, 19 99.

Jana Cotton  
\_\_\_\_\_  
(Notary Public)

Seal

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.**





### ASSIGNMENT OF APPLICATION

Docket Number (Optional)  
ONTO 32 US

Whereas, I, Rachel Denise Anne Kimmich of Carlsbad, California, hereafter referred to as applicant, have invented certain new and useful improvements in Piperazines as Modulators of Fructose 1,6-Bisphosphatase (FBPase)

for which an application for a United States Patent was filed on March 15, 1999,  
Application Number 09 / 270121.

for which an application for a United States Patent was executed on \_\_\_\_\_, and

Whereas, Barry S. Toyonaga of Ontogen Corporation herein referred to "assignee" whose post office address is 6451 El Camino Real, Carlsbad, CA 92009 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ONE dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States. I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 11<sup>th</sup> day of March, 19 99,  
at Carlsbad, California

Rachel Kimmich  
\_\_\_\_\_  
(Signature)

State of California ) SS:

County of San Diego )

Before me personally appeared said Rachel Kimmich  
and acknowledged the foregoing instrument to be his free act and deed this 11<sup>th</sup>  
day of March, 19 99.

Jana Borton  
\_\_\_\_\_  
(Notary Public)

Seal

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