#### 11/12/2020 506351937

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6398692

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
YOSHICHIKA ARAKAWA	10/16/2020
JUN-ICHI WACHINO	10/15/2020
KOUJI KIMURA	10/15/2020
WAN CHUN JIN	10/15/2020
AYATO SATO	10/20/2020

#### **RECEIVING PARTY DATA**

Name:	NATIONAL UNIVERSITY CORPORATION TOKAI NATIONAL HIGHER EDUCATION AND RESEARCH SYSTEM
Street Address:	1, FURO-CHO, CHIKUSA-KU, NAGOYA-SHI
City:	AICHI
State/Country:	JAPAN
Postal Code:	4648601

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17055006

### **CORRESPONDENCE DATA**

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SUITE 500 Address Line 2:

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ATTORNEY DOCKET NUMBER:	2020-2841A
NAME OF SUBMITTER:	KELLY GREENE
SIGNATURE:	/KELLY GREENE/
DATE SIGNED:	11/12/2020

**Total Attachments: 10** 

**PATENT** REEL: 054351 FRAME: 0957

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APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT	
Title of Invention	$\beta$ -LACTAMASE INHIBITOR
As the below	v named inventor, I hereby declare that:
This declara	
	X United States application or PCT international application
	number <u>PCT/JP2019/019133</u> filed on <u>May 14, 2019</u> .
The above-ic	dentified application was made or authorized to be made by me.
I believe tha application.	t I am the original inventor or an original joint inventor of a claimed invention in the
	nowledge that any willful false statement made in this declaration is punishable S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
for an application,	ntor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration ation unless that person has reviewed and understands the contents of the including the claims, and is aware of the duty to disclose to the Office all known to the person to be material to patentability as defined in § 1.56."
	tion of the sum of One Dollar (\$1.00) and other good and valuable consideration y sell and assign to
	UNIVERSITY CORPORATION TOKAI NATIONAL HIGHER EDUCATION  ARCH SYSTEM  Assignee)
	ho, Chikusa-ku, Nagoya-shi, Aichi 4648601, Japan of Assignee)
	designated as the Assignee) my entire right, title and interest for the United States as USC 100, for any invention set forth in the above-identified application.
for the inver	ecute all papers necessary in connection with this application for patent in the USPTO ntion, and any continuation, divisional or reissue applications thereof and also to rate assignments in connection with such applications as the Assignee may deem

necessary or expedient.
I agree to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.
I agree to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
I agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
I hereby authorize and request the USPTO to issue any and all Letters Patents of the United States resulting from the application or any continuation, divisional or reissue applications thereof to the Assignee, as Assignee of my entire interest, and covenant that I have not executed, and will not execute, any agreement in conflict herewith.
I hereby grant the firm of Wenderoth Lind & Ponack, L.L.P., the power to insert on this document any further identification which may be necessary or desirable.
Inventor (Legal Name): <u>Yoshichika ARAKAWA</u>
Signature: ## W W ##
Date: <u>Oct. 16, 2020</u>
Witness (Optional)
Witness (Optional)
U.S. Application Serial No.: Filing Date:
Applicant Reference Number: Attorney Docket No.:

# **DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN** APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT Title of **β-LACTAMASE INHIBITOR** Invention As the below named inventor, I hereby declare that: This declaration is directed to: The attached application, or |X| United States application or PCT international application number PCT/JP2019/019133 filed on May 14, 2019. The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56." In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid, I hereby sell and assign to NATIONAL UNIVERSITY CORPORATION TOKAI NATIONAL HIGHER EDUCATION AND RESEARCH SYSTEM (Name of Assignee) of 1, Furo-cho, Chikusa-ku, Nagoya-shi, Aichi 4648601, Japan (Address of Assignee) (hereinafter designated as the Assignee) my entire right, title and interest for the United States as defined in 35 USC 100, for any invention set forth in the above-identified application. I agree to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem

I agree to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.	)	
l agree to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.		
I agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.		
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I hereby grant the firm of Wenderoth Lind & Ponack, L.L.P., the power to insert on this document any further identification which may be necessary or desirable.		
Inventor (Legal Name): Jun-ichi WACHINO		
Signature: Jun-jehi Wachino		
Date: /5. Oct. 2020		
Witness (Optional)		
Witness (Optional)		
U.S. Application Serial No.: Filing Date:		
Applicant Reference Number: Attorney Docket No.:		

### DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

AND ASSIGNMENT	
Title of Invention	$\beta$ -LACTAMASE INHIBITOR
As the below	v named inventor, I hereby declare that:
This declara	
	X United States application or PCT international application
	number <u>PCT/JP2019/019133</u> filed on <u>May 14, 2019</u> .
The above-i	dentified application was made or authorized to be made by me.
I believe tha application.	t I am the original inventor or an original joint inventor of a claimed invention in the
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	tion of the sum of One Dollar (\$1.00) and other good and valuable consideration y sell and assign to
AND RESE	UNIVERSITY CORPORATION TOKAI NATIONAL HIGHER EDUCATION ARCH SYSTEM Assignee)
	ho, Chikusa-ku, Nagoya-shi, Aichi 4648601, Japan of Assignee)
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Date: Oct, 15, 2020, Witness (Optional) Witness (Optional)\_\_\_\_\_ U.S. Application Serial No.: \_\_\_\_\_ Filing Date: \_\_\_\_\_ Applicant Reference Number: \_\_\_\_\_ Attorney Docket No.: \_\_\_\_

# **DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN** APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT Title of $\beta$ -LACTAMASE INHIBITOR Invention As the below named inventor, I hereby declare that: This declaration is directed to: The attached application, or X United States application or PCT international application number PCT/JP2019/019133 filed on May 14, 2019. The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56." In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid, I hereby sell and assign to NATIONAL UNIVERSITY CORPORATION TOKAI NATIONAL HIGHER EDUCATION AND RESEARCH SYSTEM (Name of Assignee) of 1, Furo-cho, Chikusa-ku, Nagoya-shi, Aichi 4648601, Japan (Address of Assignee) (hereinafter designated as the Assignee) my entire right, title and interest for the United States as defined in 35 USC 100, for any invention set forth in the above-identified application. I agree to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem

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I hereby grant the firm of Wenderoth Lind & Ponack, L.L.P., the power to insert on this document any further identification which may be necessary or desirable.
Inventor (Legal Name): <u>Wan Chun JIN</u>
Signature: WanChun JIN
Date: Oct. 15. 2020
Witness (Optional)
Witness (Optional)
U.S. Application Serial No.: Filing Date:
Applicant Reference Number: Attorney Docket No.:

# **DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN** APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT Title of $\beta$ -LACTAMASE INHIBITOR Invention As the below named inventor, I hereby declare that: This declaration The attached application, or is directed to: United States application or PCT international application number PCT/JP2019/019133 filed on May 14, 2019. The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56." In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid, I hereby sell and assign to NATIONAL UNIVERSITY CORPORATION TOKAI NATIONAL HIGHER EDUCATION AND RESEARCH SYSTEM (Name of Assignee) of 1, Furo-cho, Chikusa-ku, Nagoya-shi, Aichi 4648601, Japan (Address of Assignee) (hereinafter designated as the Assignee) my entire right, title and interest for the United States as defined in 35 USC 100, for any invention set forth in the above-identified application. I agree to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem

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Witness (Optional)

**RECORDED: 11/12/2020** 

U.S. Application Serial No.: \_\_\_\_\_ Filing Date: \_\_\_

Applicant Reference Number: \_\_\_\_\_ Attorney Docket No.: \_\_\_\_\_