505113109 09/26/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5159870

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEIJI UEHARA	08/28/2018
YASUHIRO SUZUKI	08/06/2018
HIROTO IWAI	08/28/2018
MASAKAZU HOMMA	09/12/2018
YUICHI FUKUDA	08/03/2018
TATSUTO KIUCHI	08/03/2018

RECEIVING PARTY DATA

Name:	KYOWA HAKKO KIRIN CO., LTD.
Street Address:	1-6-1, OHTEMACHI, CHIYODA-KU,
City:	TOKYO
State/Country:	JAPAN
Postal Code:	100-8185

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16073112

CORRESPONDENCE DATA

Fax Number: (202)721-8250

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.

Phone: (202)721-8200

WLP@WENDEROTH.COM Email:

WENDEROTH, LIND & PONACK, L.L.P. **Correspondent Name:**

Address Line 1: 1030 15TH STREET NW

Address Line 2: SUITE 400E

Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	2018-1175A
NAME OF SUBMITTER:	KELLY R. GREENE
SIGNATURE:	/Kelly R. Greene/
DATE SIGNED:	09/26/2018

PATENT REEL: 046981 FRAME: 0014

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Total Attachments: 5 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif

ASSIGNMENT COVER SHEET

On page 2 of the executed Assignment document, the 4th inventor's name is set forth as "Masakazu HONMA". This is an error. Page 4 of the executed Assignment sets forth the correct name and signature for the 4th inventor, i.e., "Masakazu HOMMA".

Wenderoth, Lind & Ponack, LLP Attorney Docket No.: 2018-1175A

COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION	
Title of NUCLEIC ACID CONJUGATE Invention	
DECLARATION	
As a below named inventor, I hereby declare that:	
This declaration is directed to: The attached application, or	
United States application or PCT international application	
number <u>PCT/IP2017/003249</u> filed on <u>January 30, 2017</u> .	
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." ASSIGNMENT	
In consideration of the good and valuable consideration paid, I hereby sell and assign to	
Kyowa Hakko Kirin Co., Ltd. (Name of Assignee)	
of 1-6-1, Otemachi, Chiyoda-ku, Tokyo 186-8185, Japan	
(address of Assigner)	
(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 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 we possible in obtaining evidence and going forward with such post-grant proceeding.	
The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary connection with claims or provisions of the International Convention for Protection of Industrial Property or simil	

I agree to perform all affirmative acts which may be necessar Assignee.	y to obtain a grant of a valid United States patent to the
I hereby authorize and request the USPTO to issue any and all application or any continuation, divisional or reissue applicatio interest, and covenant that I have not executed, and will not ex-	ms thereof to the Assignee, as Assignee of my entire
First Inventor (Legal Name): <u>Keiji UEHARA</u> Signature: <u>Keiji</u> Te hava	Date: Aug. 28. 20/8
Second Inventor (Legal Name): <u>Vasuhiro SUZUKI</u> Signature: <u>Josephas</u> Aryuki	Date: Aug. 6, 2018
Third Inventor (Legal Name): <u>Hiroto IWAl</u> Signature: // /////////////////////////////////	Date: Aug. 28. 2018
Fourth Inventor (Legal Name): <u>Masakaza HONMA</u> Signature: <u>Masa kaza Hokwa</u>	Date: <u>A§ . 28 · 2018</u>
Fifth Inventor (Legal Name): <u>Yvichi FUKUDA</u> Signature: <u>Jurish Fukuda</u>	Date: <u>Aug. 3, 2018</u>
Sixth Inventor (Legal Name): <u>Tatsuto KIUCHI</u> Signature: <u>Jattato Kiuchi</u>	Date: Aug. 3, 2018

Wenderoth, Lind & Ponack, LLP Attorney Docket No.: 2018-1175A

COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION	
Title of Invention	NUCLEIC ACID CONJUGATE
	DECLARATION
As a below na	med inventor, I hereby declare that:
This declaration	
is directed to:	The attached application, or
	United States application or PCT international application
	number PCT/IP2017/003249 filed on January 30, 2017.

The above-ide	ntified application was made or authorized to be made by me.
I believe that	am the original inventor or an original joint inventor of a claimed invention in the application.
	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 risonment of not more than five (5) years, or both.
unless that per of the duty to	tor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application soon has reviewed and understands the contents of the application, including the claims, and is aware disclose to the Office all information known to the person to be material to patentability as defined in
§ 1.56."	ASSIGNMENT
In considerati	on of the good and valuable consideration paid, I hereby sell and assign to
Kyowa Hakk (Name of A	o Kirin Co., Ltd. sssignee)
of LAJ Ota	machi, Chiyoda-ku, Tokyo 190-8185, Japan
(address of	
	esignated as the Assignee) my entire right, title and interest for the United States as defined in 35 USC avention set forth in the above-identified application.
and any conti	cute all papers necessary in connection with this application for patent in the USPTO for the invention, mation, divisional or reissue applications thereof and also to execute separate assignments in connection lications as the Assignee may deem necessary or expedient.
with this appl	cute all papers necessary in connection with any post-grant proceeding which may occur in connection ication or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way taining evidence and going forward with such post-grant proceeding.
connection wi	ned agree(s) to execute all papers and documents and perform any act which may be necessary in the claims or provisions of the International Convention for Protection of Industrial Property or similar bick includes the right to claim priority and the right to be granted a patent in any PCT Contracting State.

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.		
First Inventor (Legal Name): <u>Keiji UEHARA</u>		
Signature:	Date:	
Second Inventor (Legal Name): <u>Yasuhiro SUZUKI</u> Signature:	Date:	
Third Inventor (Legal Name): <u>Hiroto IWAI</u> Signature:	Date:	
Fourth Inventor (Legal Name): Masakazu HOMMA Signature: Masakazu Homma	Date: Sep 12, 2018	
Fifth Inventor (Legal Name): <u>Yuichi FUKUDA</u> Signature:	Date:	
Sixth Inventor (Legal Name): <u>Tatsuto KIUCHI</u> Signature:	Date:	