### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5676912

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SUSUMU SHIBAHARA	06/18/2019
SACHIKO YONEMARU	06/10/2019
KOJI HAGA	06/03/2019
YUKI MIYAZAWA	06/05/2019
TAKAAKI SATO	05/10/2019

#### RECEIVING PARTY DATA

Name:	AJINOMOTO CO., INC.
Street Address:	15-1, KYOBASHI 1-CHOME
City:	CHUO-KU, TOKYO
State/Country:	JAPAN
Postal Code:	104-8315

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

Property Type	Number
Application Number:	16394548

#### **CORRESPONDENCE DATA**

Fax Number: (703)413-2220

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: (703) 413-3000 Email: wsmith@oblon.com **Correspondent Name:** OBLON, ET AL. Address Line 1: 1940 DUKE STREET

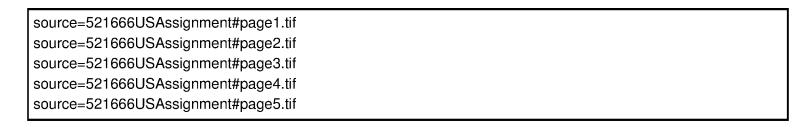
Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	521666US	
NAME OF SUBMITTER:	WILLIAM SMITH	
SIGNATURE:	/William Smith/	
DATE SIGNED:	08/20/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 5** 

**PATENT REEL: 050103 FRAME: 0488** 

505630106



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

Title of Invention	FEED ADDITIVE COMPOSITIO	N FOR RUMINANTS
As the below name	d inventor, I hereby declare that:	
This declaration	The attached application, or	
is directed to:	United States application or PCT interfiled on April 25, 2019	national application number 16/394,548
The above-identifie	ed application was made or authorized to	be made by me.
I believe that I am	he original inventor or an original joint i	inventor of a claimed invention in the application.
(hereinafter referre 104-8315 Japan, is	desirous of acquiring the entire right, ti	business at: 15-1, Kyobashi 1-chome, Chuo-ku, Tokyottle and interest in and to said invention and in and to an I States and its territorial possessions and in any and all
acknowledged, and said ASSIGNEE, t and in all foreign c other relevant Inter interest in and to a	for other good and valuable considerate the full and exclusive right to the said invountries (including the right to claim primational Treaties and Arrangements from any and all Letters Patent which may be any and all foreign countries and in	FIVE DOLLARS (\$5.00), the receipt whereof is herebytion, I, by these presents do sell, assign and transfer unto vention in the United States and its territorial possession fority under the terms of the International Convention and in the aforesaid application) and the entire right, title and e granted therefor in the United States and its territorian and to any and all divisions, reissues, continuations
any and all foreign assignee of my ent (his) successors an	countries to issue any and all of said ire right, title and interest in and to the s	Letters Patent, when granted, to said ASSIGNEE as the same, for the sole use and behoof of said ASSIGNEE, it or which said Letters Patent may be granted, as fully an assignment and sale not been made.
respecting said in continuation, subst all of said Letters possible to aid said	vention, and testify in any legal proc itute, renewal and reissue applications, e Patent to be issued to said ASSIGNEI	GNEE or its (his) representatives any facts known to moveding, sign all lawful papers, execute all divisional execute all necessary assignment papers to cause any and E, make all rightful oaths, and, generally do everything assigns, to obtain and enforce proper protection for sail and in any and all foreign countries.
	rledge that any willful false statement ma ment of not more than five (5) years, or	ade in this declaration is punishable under 18 U.S.C. 100 both.
LEGAL NAME O	FINVENTOR	
Inventor: SUSUM	⁄⁄U SHIBAHARA	Date: June 18, 2019
Signature:	Cramus Shileahara	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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

Title of Invention	FEED ADDITIVE COMPOSITION FOR RUI	MINANTS
As the below name	d inventor, I hereby declare that:	
	The attached application, or	
is directed to:	United States application or PCT international application April 25, 2019	eation number 16/394,548
The above-identifie	ed application was made or authorized to be made by m	ne.
I believe that I am t	he original inventor or an original joint inventor of a c	laimed invention in the application.
(hereinafter referre	NOMOTO CO., INC. d to as "ASSIGNEE") having places of business at: desirous of acquiring the entire right, title and interes may be granted therefore in the United States and it	t in and to said invention and in and to any
acknowledged, and said ASSIGNEE, the and in all foreign cother relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOLLA I for other good and valuable consideration, I, by thes the full and exclusive right to the said invention in the countries (including the right to claim priority under the mational Treaties and Arrangements from the aforesai my and all Letters Patent which may be granted ther an any and all foreign countries and in and to any mewals thereof.	e presents do sell, assign and transfer unto United States and its territorial possessions e terms of the International Convention and d application) and the entire right, title and efor in the United States and its territorial
any and all foreign assignee of my ent (his) successors an	ze and request the Patent Office Officials in the Unit a countries to issue any and all of said Letters Patent ire right, title and interest in and to the same, for the s d assigns, to the full end of the term for which said le would have been held by me had this Assignment and	when granted, to said ASSIGNEE as the sole use and behoof of said ASSIGNEE, its Letters Patent may be granted, as fully and
respecting said in continuation, substall of said Letters possible to aid said	that I will communicate to said ASSIGNEE or its (I vention, and testify in any legal proceeding, sign itute, renewal and reissue applications, execute all net Patent to be issued to said ASSIGNEE, make all rid ASSIGNEE, its (his) successors and assigns, to obtited States and its territorial possessions and in any and	all lawful papers, execute all divisional, sessary assignment papers to cause any and ghtful oaths, and, generally do everything tain and enforce proper protection for said
	rledge that any willful false statement made in this dec ment of not more than five (5) years, or both.	laration is punishable under 18 U.S.C. 1001
LEGAL NAME OF	FINVENTOR	
Inventor: SACHI	KO YONEMARU	Date: June 10, 2019
Signature:	achiler Yonemanu	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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ALEXANDRIA, VIRGINIA 22314

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

Title of FEED ADDITIVE COMPOSITION FOR RUMINANTS Invention
A di la la companya di company
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 16/394,548 filed on April 25, 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.
WHEREAS, AJINOMOTO CO., INC. (hereinafter referred to as "ASSIGNEE") having places of business at: 15-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8315 Japan, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, 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 its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters 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.
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.
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.
LEGAL NAME OF INVENTOR
Inventor: KOJI HAGA Date: June 3, 2019
Signature: Kaji Haga

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

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•	United States application or PCT international application number 16/394,548 filed on April 25, 2019
	ed 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.
(hereinafter referre 104-8315 Japan, in Letters Patent that foreign countries;	NOMOTO CO., INC.  d to as "ASSIGNEE") having places of business at: 15-1, Kyobashi 1-chome, Chuo-ku, Tokyo s desirous of acquiring the entire right, title and interest in and to said invention and in and to any may be granted therefore in the United States and its territorial possessions and in any and all
acknowledged, and said ASSIGNEE, t and in all foreign of other relevant Inter-	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby if for other good and valuable consideration, I, by these presents do sell, assign and transfer unto the full and exclusive right to the said invention in the United States and its territorial possessions countries (including the right to claim priority under the terms of the International Convention and trnational Treaties and Arrangements from the aforesaid application) and the entire right, title and any and all Letters Patent which may be granted therefor in the United States and its territorial n any and all foreign countries and in and to any and all divisions, reissues, continuations, enewals thereof.
any and all foreign assignee of my ent (his) successors ar	ize and request the Patent Office Officials in the United States and its territorial possessions and in countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the tire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and e would have been held by me had this Assignment and sale not been made.
respecting said in continuation, substall of said Letters possible to aid said invention in the United States	that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me evention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, titute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything Id ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said inited States and its territorial possessions and in any and all foreign countries.
I hereby acknown by fine or imprisor	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nment of not more than five (5) years, or both.
LEGAL NAME O	
Inventor: YUKI	MIYAZAWA Date: 6.5. 2019
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OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
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Title of Invention FEED ADDITIVE COMPOSITION FOR RUMINANTS
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 16/394,548 filed on April 25, 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.
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NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, 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 its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
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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.
LEGAL NAME OF INVENTOR
Inventor: TAKAAKI SATO Date: May 10, 2019
Signature: Paleagles C. to

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW

1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 050103 FRAME: 0494

**RECORDED: 08/20/2019**