### 503188131 02/20/2015

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 **EPAS ID: PAT3234748** 

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
THOMAS WALTHER	01/10/2015
HÉLÈNE CORDIER	01/13/2015
CLÉMENTINE DRESSAIRE	01/10/2015
JEAN MARIE FRANCOIS	01/29/2015
ROBERT HUET	12/15/2014

### RECEIVING PARTY DATA

Name:	ADISSEO FRANCE S.A.S.
Street Address:	IMMEUBLE ANTONY PARC II
Internal Address:	10, PLACE DU GÉNÉRAL DE GAULLE
City:	ANTONY
State/Country:	FRANCE
Postal Code:	F-92160

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

Property Type	Number				
Application Number:	14414331				

### **CORRESPONDENCE DATA**

Fax Number: (703)836-2787

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: 703-836-6400 email@oliff.com Email:

JOEL S. ARMSTRONG **Correspondent Name:** 

**OLIFF PLC** Address Line 1:

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	154157
NAME OF SUBMITTER:	HALEY BUSBY
SIGNATURE:	/Haley Busby/
DATE SIGNED:	02/20/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

PAIENI REEL: 034995 FRAME: 0325

# Total Attachments: 10 source=2.20.15\_154157\_Assignment#page1.tif source=2.20.15\_154157\_Assignment#page2.tif source=2.20.15\_154157\_Assignment#page3.tif source=2.20.15\_154157\_Assignment#page4.tif source=2.20.15\_154157\_Assignment#page5.tif source=2.20.15\_154157\_Assignment#page6.tif source=2.20.15\_154157\_Assignment#page7.tif source=2.20.15\_154157\_Assignment#page8.tif source=2.20.15\_154157\_Assignment#page9.tif source=2.20.15\_154157\_Assignment#page9.tif

PATENT REEL: 034995 FRAME: 0326

# ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

### ASSIGNMENT

	Insert	(1)	Thomas WALTHER		(2)	Hélène CORDIER
(1-8)	Legal Name(s)	(3)	Clémentine DRESSAIRE	{	(4)	Jean Marie FRANCOIS
	of Inventor(s)	(5)	Robert HUET	1	(6)	
		. (7)			(8)	
		the un		fficiency of which	are h	r good and valuable consideration paid to each of tereby acknowledged, each undersigned agrees to
(9)	Insert Name of Assignee	(9)	ADISSEO FRANCE S.A.S	S.		
(10)	Insert Address of Assignce	(10) Immeuble Antony Parc II 10, place du Général de Gaulle, F-92160 Antony, FRANCE				
		the ent invent contin	ire right, title and interest for ion, and in all applications fo	the United States r patent including te and reissue appl	of A any : icati	irs, successors, assigns and legal representatives, merica as defined in 35 U.S.C. § 100, in the and all provisional, non-provisional, divisional, oon(s), and all Letters Patent, extensions, reissues invention known as
(11)	Insert Identification such as Title, Case Number, or Foreign Application Number	(11)	METHOD FOR THE PRE	EPARATION OF 2	2,4-Г	DIHYDROXYBUTYRATE
		(Attor	ney Docket No. 154157		), f	iled on even date herewith or as
(12)	Alternative	(12)	U.S. Application Number	14/414,331		
	Identification for filed applications	filed	January 12, 2015			

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and putents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.
- 3) Each undersigned agrees 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.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
- this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.

  6) Each undersigned hereby grants the firm of OLIFF PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

### (13) Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

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.

PATENT REEL: 034995 FRAME: 0327 In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s),

Date		Inventor Signature	hut R. nort (SEAL)
Date		Inventor Signature	(SEAL)
Date		Inventor Signature	(SEAL)
Date		Inventor Signature	(SEAL)
Date	<u> </u>	Inventor Signature	(SEAL)
Date		Inventor Signature	(SEAL)
Date		Inventor Signature	(SEAL)
Date		Inventor Signature	(SEAL)
neither,	This assignment should preferably be signed before at least two	gned before: (a) a Notary Public to witnesses who also sign here:	if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. [f
Date	2014/12/15	Wifness	
Data	204.12.115	Witness	Mireille DINIER

# ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

### ASSIGNMENT

	Insert	(1)	Thomas WALTHER		(2)	Hélène CORDIER	
(1-8)	Legal Name(s)	(3)	Clémentine DRESSAIRE		(4)	Jean Marie FRANCOIS	
	of Inventor(s)	(5)	Robert HUET		(6)		
		(7)			(8)		
		the und		ficiency of which	are h	r good and valuable consideration paid to each of tereby acknowledged, each undersigned agrees to	
(9)	Insert Name of Assignee	(9)	ADISSEO FRANCE S.A.	S.			
(10)	Insert Address of Assignee	(10)	0) Immeuble Antony Parc II 10, place du Général de Gauille, F-92160 Antony, FRANCE				
		the enti- inventi- continu	re right, title and interest for on, and in all applications fo	the United States r patent including te and reissue app	of A any a licati	irs, successors, assigns and legal representatives, merica as defined in 35 U.S.C. § 100, in the and all provisional, non-provisional, divisional, on(s), and all Letters Patent, extensions, reissues invention known as	
(11)	Insert Identification such as Title, Case	(11)	METHOD FOR THE PRE	PARATION OF	2,4-E	DIHYDROXYBUTYRATE	
	Number, or Foreign Application Number	(Attori	sey Docket No. 154157		), f	iled on even date herewith or as	
(12)	Alternative	(12)	U.S. Application Number	14/414,331			
	Identification for filed applications	filed	January 12, 2015	5			

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- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
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PATENT REEL: 034995 FRAME: 0329 In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	10/01/15	Inventor Signature	Maria	(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date	-	Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
neither,	This assignment should preferably be signed before at least tw	gned before: (a) a Notary Public to witnesses who also sign here:	if within the U.S.A. (b) a U.S. Consul if outs	ide the U.S.A. If
)ate	10/01/15	Witness	= Harat	
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# ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

### ASSIGNMENT

	inseri	(1)	thomas WALTHER		(2)	Melene CORDICK
(8-1)	Legal Name(s)	(3)	Clémentine DRESSAIRE		(4)	Jean Marie FRANCOIS
	of Inventor(s)	(5)	Robert HUET		(6)	
		(7)			(8)	
		the un		fficiency of which	are l	r good and valuable consideration paid to each of nereby acknowledged, each undersigned agrees to
(9)	Insert Name of Assignce	(9)	ADISSEO FRANCE S.A.:	S.		
(10)	Insert Address of Assignee	(10)	Immeuble Antony Parc II	10, place du Géi	iéral	de Gaulle, F-92160 Antony, FRANCE
		the entinyent contin	tire right, title and interest for ion, and in all applications fo	the United State or patent including te and reissue app	s of A gany dicati	eirs, successors, assigns and legal representatives, treerica as defined in 35 U.S.C. § 100, in the and all provisional, non-provisional, divisional, ion(s), and all Letters Patent, extensions, reissues invention known as
(11)	Insert Identification such as Title, Case Number, or Foreign	(11)	METHOD FOR THE PRE	EPARATION OF	2,4-E	DIHYDROXYBUTYRATE
	Application Number	(Attor	ney Docket No. 154157		., ),	filed on even date herewith or as
(12)	Alternative	(12)	U.S. Application Number	14/414,33	1	
	Identification for filed applications	filed	January 12, 2015			

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date		Inventor Signature			(SEAL)
Date	13/01/15	Inventor Signature	letine corpier	14	(SEAL)
Date		Inventor Signature			(SEAL)
Date	· · · · · · · · · · · · · · · · · · ·	Inventor Signature			(SEAL)
Date	<u></u>	Inventor Signature			(SEAL)
Date		Inventor Signature	10.00	• • • • • • • • • • • • • • • • • • •	(SEAL)
Date		Inventor Signature			(SEAL)
Date		Inventor Signature	A		(SEAL)
neither	This assignment should preferably be sig , then it should be signed before at least tw	gned before; (a) a Notary Public i vo witnesses who also sign here:	f within the U.S.A. (b) a U.S. C	Consul if outside th	e U.S.A. If
Date	13/01/15	Witness		CHOLL	
Data	12/01/1=	Witness	Nicrill.	MINIER	

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### ASSIGNMENT

	Insert	(1)	Thomas WALTHER		(2)	Helene CURDIER		
(1-8)	Legal Name(s)	(3)	Clémentine DRESSAIRE		(4)	Jean Marie FRANCOIS		
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(11)	Iusert Identification such as Title, Case	(11)	METHOD FOR THE PRI	EPARATION OF	2,4-I	DIHYDROXYBUTYRATĒ		
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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	7105/10/01	Inventor Signature	Thomas	Wall	(SEAL)
Date		Inventor Signature	14 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		(SEAL)
Date		Inventor Signature			(SEAL)
Date		Inventor Signature			(SEAL)
Date	<del></del>	Inventor Signature			(SEAL)
Date		Inventor Signature			(SEAL)
Date		Inventor Signature			(SEAL)
Date		Inventor Signature			(SEAL)
neither,	This assignment should preferably be si then it should be signed before at least to	gned before: (a) a Notary Public yo witnesses who also sign here:	if within the U.S.A. (b) a	U.S. Consul if outside	e the U.S.A. If
Date	70/01/15	Witness	The second secon	1200	
Date	10/01/11	Witness	Nimil	L DINIER	

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### ASSIGNMENT

	insert	(1)	Inomas WALIFIER		(2)	Helene COKDIEK	
(1-8)	Legal Name(s)	(3)	Clémentine DRESSAIRE		(4)	Jean Marie FRANCOIS	
	of Inventor(s)	(5)	Robert HUET	····	(6)		
		(7)			(8)		
		In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to					
(9)	Insert Name of Assignee	(9)	(9) ADISSEO FRANCE S.A.S.				
(10)	Insert Address of Assignee	(10)	0) Immeuble Antony Parc II 10, place du Général de Gaulle, F-92160 Antony, FRANCE				
		(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. § 100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as					
(11)	Insert Identification such as Title, Case Number, or Foreign Application Number	(11) METHOD FOR THE PREPARATION OF 2,4-DIHYDROXYBUTYRATE					
		(Attor	ney Docket No. 154157		), i	illed on even date herewith or as	
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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s),

Date	29/01/2015	Inventor Signature	(SEAL)
Date		Inventor Signature	(SEAL)
Date		Inventor Signature	(SEAL)
Date		Inventor Signature	(SEAL)
Date		Inventor Signature	(SEAL)
Date		Inventor Signature	(SEAL)
Date		Inventor Signature	(SEAL)
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Date	29/01/15	Witness	- Landinas
<b>V</b> ata	29/01/15	Withman	Airill NINER