### 504472091 07/25/2017

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4518793

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
CHRISTIAN REIN	09/26/2016
NEIL JEFFREY FITZMAURICE	04/27/2016
GRAHAM ROBERT ORR	10/04/2016
DAVID REDFERN	03/21/2016

#### **RECEIVING PARTY DATA**

Name:	BASF AUSTRALIA LTD.
Street Address:	28 FRESHWATER PLACE
City:	SOUTHBANK, VIC
State/Country:	AUSTRALIA
Postal Code:	3006

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

Property Type	Number
Application Number:	15546086

#### **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: afeldman@oblon.com

Correspondent Name: OBLON, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	505348US
NAME OF SUBMITTER:	ABIGAIL FELDMAN
SIGNATURE:	/Abigail Feldman/
DATE SIGNED:	07/25/2017

#### **Total Attachments: 4**

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PATENT 504472091 REEL: 043089 FRAME: 0861

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PATENT REEL: 043089 FRAME: 0862

### DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1, 76) AND ASSIGNMENT

Title of Removal of radionuclides from mixtures Invention As the below named inventor, I hereby declare that:

This declaration [ ] The attached application, or

is directed to: [x] PCT international application number PCT/EP2016/051403 filed on 25 Jan 2016

The above-identified application was made or authorized to be made by ma. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

WHEREAS. BASF Australia Ltd. 28 Freshwater Place Southbank, VIC, 3006 Australia

(hereinafter referred to as "ASSIGNEE(S)")

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, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, by these presents do assign and transfer unto said ASSIGNEE(S), 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 ferritorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof,

I further declare that I either have the obligation to assign or have already assigned the full and exclusive rights in and to any inventions made during my employment to said ASSIGNEE based on my employment contract with said ASSIGNEE, and/or that said ASSIGNEE has obtained full and exclusive rights in and to any such inventions based on applicable national law, and that by this Assignment such transfer of right, title and interest in such inventions to said ASSIGNEE is herewith confirmed or restated

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(S) as the assignee of my entire right, little and interest in and to the same, for the sole use and behoof of said ASSIGNEE(S), 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(S) 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(S), make all rightful caths, and, generally do everything possible to aid said ASSIGNEE(S), 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: Christian Rein

Date: 2609/G

Signature:

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT

Title of	Tr 7 - 2 - 1 - 3
Invention	Removal of radionuclides from mixtures
As the below r	tarned inventor, I hereby declare that:
This declaratio	n [] The attached application, or
is directed to:	[x] PCT international application number PCT/EP2016/051403 filed on 25 Jan 2016
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I hereby ack 1001 by fine or	knowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. imprisonment of not more than five (5) years, or both
LEGAL NAME Inventor Neil J	OF INVENTOR effrey Fitzmaurice/ / Date: 22/4/16
Signature	

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PATENT REEL: 043089 FRAME: 0864

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT

- Nerthal	
Title of Invention	, Removal of radionuclides from mixtures
As the below	named inventor, I hereby declare that:
This declarati	ion [ ] The attached application, or
is directed to:	[x] PCT international application number PCT/EP2016/051403 filed on 25 Jan 2016
The above-ide or an original	entified application was made or authorized to be made by me. I believe that I am the original inventor joint inventor of a claimed invention in the application.
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the said inventor to claim prior Arrangements Patent which i	EREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby I, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to dion in the United States and its territorial possessions and in all foreign countries (including the right ity under the terms of the International Convention and other relevant International Treaties and from the aforesaid application) and the entire right, title and interest in and to any and all Letters may be granted therefor in the United States and its territorial possessions and in any and all foreign in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
said ASSIGNE based on appl	re that I either have the obligation to assign or have already assigned the full and exclusive rights in entions made during my employment to said ASSIGNEE based on my employment contract with EE, and/or that said ASSIGNEE has obtained full and exclusive rights in and to any such inventions licable national law, and that by this Assignment such transfer of right, title and interest in such said ASSIGNEE is herewith confirmed or restated.
the assignee ASSIGNEE(S)	of thorize and request the Patent Office Officials in the United States and its territorial possessions and reign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as of my entire right, little and interest in and to the same, for the sole use and behoof of said to, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be lly and entirely as the same would have been held by me had this Assignment and saie not been
respecting sail continuation, s and all of sail everything pos	gree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me id invertion, and testify in any legal proceeding, sign all lawful papers, execute all divisional, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any d Leiters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do sable to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper said invention in the United States and its territorial possessions and in any and all foreign countries.
I hereby ac 1001 by fine cr	knowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. imprisonment of not more than five (5) years, or both
LEGAL NAME Inventor: Grah	OF INVENTOR lam Robert Orr Date: <u>Ob / 10/2016</u>
Signature:	

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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

P. 122212	
Title of Invention	Removal of radionuclides from mixtures
As the below r	named inventor, I hereby declare that:
This declaratio	n [] The attached application, or
is directed to:	[x] PCT international application number PCT/EP2016/051403 filed on 25 Jan 2016
The above-ide or an original jo	ntified application was made or authorized to be made by me. I believe that I am the original inventor pint inventor of a claimed invention in the application.
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respecting said continuation, su and all of said everything pos- protection for sa	tree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me I invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, abstitute, renewal and reissue applications, execute all necessary assignment papers to cause any Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do sible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper aid invention in the United States and its territorial possessions and in any and all foreign countries.
1001 by fine or	knowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. imprisonment of not more than five (5) years, or both.
LEGAL NAME ( Inventor David	The second secon
Signature	

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**RECORDED: 07/25/2017** 

PATENT REEL: 043089 FRAME: 0866