

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PIERRE GILLIARD	06/11/2015
ALAIN VANDENDOREN	06/04/2015
RECEIVING PARTY DATA	
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City:	BRUSSELS
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14651338
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Address Line 2:	3333 RICHMOND AVENUE
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ATTORNEY DOCKET NUMBER:	S 2012/088
NAME OF SUBMITTER:	STACI V. HARRIS
SIGNATURE:	/Staci V. Harris/
DATE SIGNED:	09/11/2015
Total Attachments: 4	
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source=S_2012_088_US_PCT_assign_GILLIARD_Pierre_signed#page2.tif	
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source=S_2012_088_US_PCT_20150911_VANDENDOREN_signed_assn#page2.tif	

ASSIGNMENT OF APPLICATION

WHEREAS I, (WE)

- Pierre GILLIARD, Domaine de l'Espinette 9, BE-5100 Namur (Belgium) ;
- Alain VANDENDOREN, Petite rue du Roi 1, BE-1970 Wezembeek-Oppem (Belgium) ;

, respectively, have invented certain new and useful improvements in :

"Process for recovering soda values from underground soda deposits"

(Application No. PCT/EP2013/076382, filed on December 12, 2013), and

WHEREAS, SOLVAY SA

(hereinafter referred to as "ASSIGNEE") having a place of business at :

310, rue de Ransbeek

B-1120 BRUSSELS (BELGIUM)

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 are hereby acknowledged, and for other good and valuable consideration, I (WE), 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 and all rights under the International Convention for the Protection of Industrial Property, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore 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(WE) 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 (our) 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 (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) 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 Letter 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,

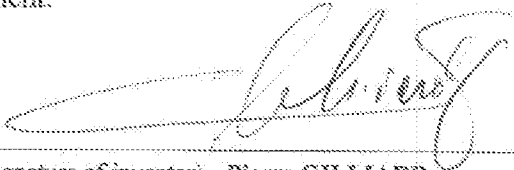
to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the patent practitioner(s) of Solvay America, Inc. of 3333 Richmond Avenue, Houston, TX 77098 the power to insert on this assignment any further identification, including the application number and filing date, which 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.

Date :

06/10/2015

MM/DD/YYYY


(Signature of inventor) --Pierre GILLIARD

Date :

MM/DD/YYYY

(Signature of inventor) --Alain VANDENDOREN

Intellectual Assets Management -
Solvay America, Inc.
3333 Richmond Avenue,
Houston, TX 77098

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Date : _____
MM/DD/YYYY

(Signature of inventor) —Pierre GILLIARD

Date : 06/04/2015
MM/DD/YYYY



(Signature of inventor) —Alain VANDENDOREN

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