PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| Jean-Paul DETOURNAY | 02/16/2010 |
| Francis COUSTRY | 02/16/2010 |
| Perrine DAVOINE | 02/16/2010 |

RECEIVING PARTY DATA

| Name: | SOLVAY SA | |
|-----------------|--------------------------|--|
| Street Address: | rue du Prince Albert, 33 | |
| City: | Brussels | |
| State/Country: | BELGIUM | |
| Postal Code: | B-1050 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------|-----------|
| PCT Number: | EP0967813 |

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: S 2008/02

NAME OF SUBMITTER: Sandra Andress

Total Attachments: 2

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PATENT

REEL: 026433 FRAME: 0629

ASSIGNMENT OF APPLICATION

WHEREAS I, (WE)

- Jean-Paul DETOURNAY, Bd Brand Whitlock 159, bte 5, B-1200 Brussels, Belgium;
- Francis M. COUSTRY, Kasteellaan, 9, B-1652 ALSEMBERG, Belgium;
- Perrine DAVOINE, Avenue de la Sarriette, 59, B-1020 Brussels (Belgium)

,respectively, have invented certain new and useful improvements in : "Process for the joint production of sodium carbonate and sodium bicarbonate"

(Application No. PCT/EP2009/067813, filed on December 22, 2009, and

WHEREAS, SOLVAY SA
(hereinafter referred to as "ASSIGNEE") having a place of business at:
33, rue du Prince Albert
B-1050 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, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is 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 North America, L.L.C. 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: | Fel 16 , 2010 | (Signature of inventor) —Jean-Paul DETOURNAY |
|--------|----------------------|--|
| Date: | Edmary 16 (2010 | (Signature of inventor) - Francis COUSTRY |
| Date: | February 16 th, 1810 | (Signature of inventor) -Perrine DAVOINE |
| Date : | · | (Signature of inventor) - |
| Date : | | (Signature of inventor) - |
| Date: | | (Signature of inventor) - |

IAM-Nafta Solvay North America, LLC 3333 Richmond Avenue, Houston, TX 77098

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