

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2870670

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
S.A. LHOIST RECHERCHE ET DEVELOPPEMENT	05/20/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SNF S.A.S.
<b>Street Address:</b>	ZAC DE MILIEUX
<b>Internal Address:</b>	RUE ADRIENNE BOLLAND
<b>City:</b>	ANDREZIEUX
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	F42163
<b>PROPERTY NUMBERS Total: 3</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12826038
<b>Application Number:</b>	12826066
<b>Application Number:</b>	14246564
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(817)878-0501
<i>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.</i>	
<b>Phone:</b>	817/878-0500
<b>Email:</b>	shorner@whitakerchalk.com
<b>Correspondent Name:</b>	CHARLES D. GUNTER, JR.
<b>Address Line 1:</b>	301 COMMERCE STREET
<b>Address Line 2:</b>	SUITE 3500
<b>Address Line 4:</b>	FORT WORTH, TEXAS 76102
<b>ATTORNEY DOCKET NUMBER:</b>	22080.014
<b>NAME OF SUBMITTER:</b>	CHARLES D. GUNTER, JR.
<b>SIGNATURE:</b>	/Charles D. Gunter, Jr./
<b>DATE SIGNED:</b>	05/27/2014
<b>Total Attachments: 2</b>	
source=DOC002_00001#page1.tif	
source=DOC002_00001#page2.tif	

## PATENT ASSIGNMENT AND JOINT OWNERSHIP AGREEMENT

WHEREAS, S. A. Lhoist Recherche et Developpement, (herein after "Lhoist"), a company of Belgium, having a business correspondence address of Rue Charles Dubois 28, B-1342, Ottignies-Louvain-La-Neuve, Belgium, warrants that it is presently shown to be the owner of the entire right, title, and interest in and to the U.S. patent applications indicated below, by virtue of assignments recorded at the U.S. Patent Office Assignment Division:

<u>U.S. Patent App.No.</u>	<u>Filing Date</u>	<u>First Named Inventor:</u>	<u>Assignment Reel/Frame</u>
12/826,038	06/29/2010	Laurent Biotteau et al.	024658/0435
12/826,066	06/29/2010	Laurent Biotteau et al.	024658/0455
14/246,564	04/07/2014	Laurent Biotteau et al.	032619/0140

WHEREAS, SNF S.A.S., (herein after "SNF"), a company of France, having a business address of ZAC de Milieux, Rue Adrienne Bolland F42163, Andrezieux, France, and Lhoist have jointly made the inventions described in the above listed patent applications and have previously jointly cooperated in the prosecution of said applications, and in the future have agreed to jointly assist in filing, prosecuting, defending and maintaining said patent applications and patents subsequently issuing therefrom;

NOW THEREFORE, in consideration of Ten Dollars (\$10.00 US) and other good and valuable consideration, the receipt of which is hereby acknowledged, the said Lhoist, by virtue of this Patent Assignment and Joint Ownership Agreement, does hereby assign and transfer, nunc pro tunc as of the filing date of the below applications, an undivided one half (50%) interest in said above listed patent applications, and inventions described therein, to the said SNF, said Patent Assignment and Ownership Agreement to be recorded at the U.S. Patent Office Assignment Division as evidence of such conveyance and future joint ownership of the property involved;

Lhoist does hereby covenant and agree that it will execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the joint title to said patent applications.

IN TESTIMONY WHEREOF, this Assignment is executed on the MAY 20 day of , 2014.

S. A. Lhoist Recherche et Developpement

By: \_\_\_\_\_

  
PATRICK ANDRÉ

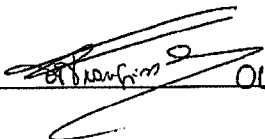
Title: DIRECTOR

Patent Assignment and Joint Ownership Agreement  
between Lhoist and SNF  
page 2 of 2

The undersigned hereby grants the firm of Whitaker Chalk Swindle & Schwartz PLLC (Charles D. Gunter, Jr., Reg. No. 29,386) 301 Commerce Street, Suite 3500, Fort Worth, Texas 76102-4186, USA, the power to insert on this assignment any further identification 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.

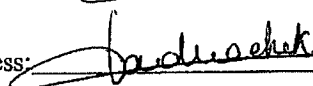
(This agreement should preferably be acknowledged before a United States Consul. If not, then the execution by the conveying party, Lhoist, should be witnessed by at least two witnesses who sign here.)

Witness:



OLIVIER FRANÇOISE

Witness:



GOUDMAEKER KATRIEN

DMS#130768