#### PATENT ASSIGNMENT

# Electronic Version v1.1

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DATA					
N			lame	Execution Date	
Bemard COTTARD				05/17/2013	
Pascal LEROY				05/17/2013	
RECEIVING PARTY DATA					
Name:	TOTAL RAFFI	TOTAL RAFFINAGE MARKETING			
Street Address:	24 cours Miche	24 cours Michelet			
City:	PUTEAUX	PUTEAUX			
State/Country:	FRANCE				
Postal Code:	92800				
PROPERTY NUMBERS Total: 1					
Property Ty	/pe		Number		
Application Number: 13990		139902	294		
CORRESPONDENCE DATA Fax Number: 2022937860 Correspondence will be sent via US Mail when the fax attempt is unsuccessful.					
Fax Number:2022937860Correspondence will be sent via US Mail when the fax attempt is unsuccessful.Phone:202-293-7060Email:sughrue@sughrue.com, bgalvez@sughrue.comCorrespondent Name:SUGHRUE MION, PLLCAddress Line 1:2100 PENNSYLVANIA AVENUE, N.W.Address Line 2:SUITE 800Address Line 4:WASHINGTON, DISTRICT OF COLUMBIA 20037					
ATTORNEY DOCKET NUMBER:		Q204119			
NAME OF SUBMITTER:		Byron F. Galvez, New Apps Spec			
Signature:		/Byron F. Galvez/			
Date:		05/30/2013			
Total Attachments: 2 source=Q204119_ASSIGNMENT_AS_FILED#page1.tif source=Q204119_ASSIGNMENT_AS_FILED#page2.tif					

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Docket No. For Non-U.S. Clients

### Assignment

Whereas, We, (1) COTTARD Bernard (2) LEROY Pascal (1) 796 route d'Amontot, F-76430 Saint Romain De Colbosc – France (2) 26 rue Max Jacob, F-76290 Montivilliers – France respectively, hereinafter called assignors, have invented certain improvements in LIGHT-WEIGHT DEVICE FOR LOADING SOLID PARTICLES and executed an application for Letters Patent of the United States of America therefore on May 29, 2013, <u>Application No.</u> 13/990,294

and

Whereas, TOTAL RAFFINAGE MARKETING 24 cours Michelet, 92800 PUTEAUX - FRANCE (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefore;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

the assignce.	4
Date: 1/05/2013	- WULLY
V COTTARD Bernard	

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<del>, 4</del> 1000000	s/ LEROY Pascal	
Date:		
	s/	
Date:		 
(	3/	
Date:		 
	<u>v</u>	

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

## Assignment

Whereas, We, (1) COTTARD Bernard (2) LEROY Pascal (1) 796 route d'Amontot, F-76430 Saint Romain De Colbosc – France (2) 26 rue Max Jacob, F-76290 Montivilliers – France respectively, hereinafter called assignors, have invented certain improvements in LIGHT-WEIGHT DEVICE FOR LOADING SOLID PARTICLES and executed an application for Letters Patent of the United States of America therefore on May 29, 2013 , Application No. 13/990,294

and

Whereas, TOTAL RAFFINAGE MARKETING 24 cours Michelet, 92800 PUTEAUX - FRANCE (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefore;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

Date:		
	s/ COTTARD Bernard	
Date:	17/05/13	
	s' LEROY Pascal	
Date:		
	s/	
Date:		
	s/	
Date:		
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(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

#### PATENT REEL: 030516 FRAME: 0981

**RECORDED: 05/30/2013**