

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Joao Miguel DE AMORIM NOVAIS DA COSTA NOBREGA</td> <td>07/13/2012</td> </tr> <tr> <td>Eurico Filipe DIAS PESSOA</td> <td>07/13/2012</td> </tr> <tr> <td>Jose Antonio Colaco GOMES COVAS</td> <td>07/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	Joao Miguel DE AMORIM NOVAIS DA COSTA NOBREGA	07/13/2012	Eurico Filipe DIAS PESSOA	07/13/2012	Jose Antonio Colaco GOMES COVAS	07/13/2012
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Joao Miguel DE AMORIM NOVAIS DA COSTA NOBREGA	07/13/2012								
Eurico Filipe DIAS PESSOA	07/13/2012								
Jose Antonio Colaco GOMES COVAS	07/13/2012								
RECEIVING PARTY DATA									
Name:	SHELL OIL COMPANY								
Street Address:	P.O. BOX 2463								
Internal Address:	ONE SHELL PLAZA								
City:	Houston								
State/Country:	TEXAS								
Postal Code:	772522463								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13513440</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13513440				
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Application Number:	13513440								
CORRESPONDENCE DATA									
Fax Number:	7132416617								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	7132415581								
Email:	cathy.callen@shell.com								
Correspondent Name:	SHELL OIL COMPANY								
Address Line 1:	P O BOX 2463								
Address Line 2:	ONE SHELL PLAZA								
Address Line 4:	HOUSTON, TEXAS 772522463								
ATTORNEY DOCKET NUMBER:	TS9722USAP								
NAME OF SUBMITTER:	Charles W. Stewart								
Total Attachments: 1 source=TS9722-assignment#page1.tif									

CH \$40.00 13513440

ASSIGNMENT

WHEREAS We,

DE AMORIM NOVAIS DA COSTA NÓBREGA, João Miguel  
AV.D. JOÃO II No 62 2 D-Nogueiró  
4715-304 Braga / PT

DIAS PESSOA, Eurico Filipe  
Travessa da Boavista no 2 Mire de Tibães  
4700-565 Braga / PT

GOMES COVAS, José António Colaço  
Rua de Sub-Veigas 14 Nogueiró  
7515-322 Braga / PT

have invented a certain improvement in METHOD FOR PREPARING COATED BINDER UNITS AND DEVICE FOR USE THEREIN

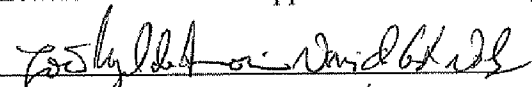
WHEREAS we have executed an application for Letters Patent in the United States in connection with this invention.

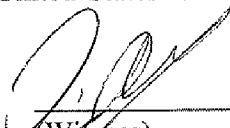
WHEREAS, SHELL OIL COMPANY, a Delaware Corporation, is desirous of acquiring all rights to this invention in the United States:

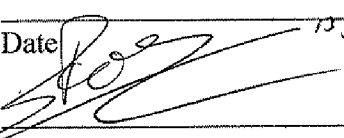
NOW THEREFORE for valuable consideration received, we hereby assign to SHELL OIL COMPANY, its successors and assigns, all rights to this invention in the United States of America, including all rights in the above-mentioned application and any patent which may be issued thereon in the United States and any other application which may be filed or patent which may be issued in the United States.

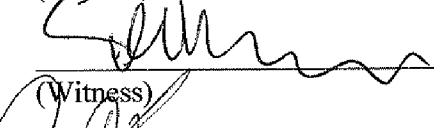
AND we hereby agree that we will upon request execute any instrument which SHELL OIL COMPANY desires to carry this assignment into effect and perfect the title transferred hereby to prosecute the above-mentioned application.

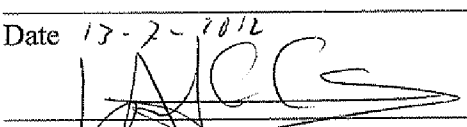
AND the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent of said application to the Assignee.

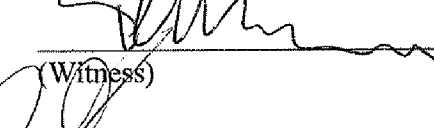
  
DE AMORIM NOVAIS DA COSTA NÓBREGA, João Miguel

  
\_\_\_\_\_  
(Witness)

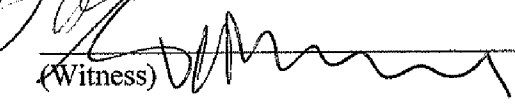
Date 13 July 2012  
  
DIAS PESSOA, Eurico Filipe

  
\_\_\_\_\_  
(Witness)

Date 13-7-2012  
  
GOMES COVAS, José António Colaço

  
\_\_\_\_\_  
(Witness)

Date 13 July 2012

  
\_\_\_\_\_  
(Witness)