

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>Marijke DE BOER-WILDSCHUT</td><td>09/16/2009</td></tr><tr><td>Manutsavin CHARERNSUK</td><td>09/16/2009</td></tr><tr><td>Cornelia Alida KROM</td><td>09/16/2009</td></tr><tr><td>Monica CARREIRA MENDEZ</td><td>09/16/2009</td></tr><tr><td>Wilhelmus Petrus MUL</td><td>09/16/2009</td></tr><tr><td>Paul Gerard PRINGLE</td><td>09/16/2009</td></tr></tbody></table>		Name	Execution Date	Marijke DE BOER-WILDSCHUT	09/16/2009	Manutsavin CHARERNSUK	09/16/2009	Cornelia Alida KROM	09/16/2009	Monica CARREIRA MENDEZ	09/16/2009	Wilhelmus Petrus MUL	09/16/2009	Paul Gerard PRINGLE	09/16/2009
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Wilhelmus Petrus MUL	09/16/2009														
Paul Gerard PRINGLE	09/16/2009														
RECEIVING PARTY DATA															
Name:	Shell Oil Company														
Street Address:	P.O. Box 2463														
Internal Address:	Intellectual Property														
City:	Houston														
State/Country:	TEXAS														
Postal Code:	77252-2463														
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>12538524</td></tr></tbody></table>		Property Type	Number	Application Number:	12538524										
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CORRESPONDENCE DATA															
Fax Number: (713)241-6617															
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Email:	ana.almaguer@shell.com														
Correspondent Name:	Shell Oil Company														
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Address Line 2:	Intellectual Property														
Address Line 4:	Houston, TEXAS 77252-2463														
ATTORNEY DOCKET NUMBER:	TS2109 (US)														

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PATENT
REEL: 023287 FRAME: 0037

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NAME OF SUBMITTER:

Donald F. Haas

Total Attachments: 4

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ASSIGNMENT

WHEREAS I/we, Marijke DE BOER-WILDSCHUT, Manutsavin CHARERNSUK, Cornelia Alida KROM, Monica CARREIRA MENDEZ, Wilhelmus Petrus MUL and Paul Gerard PRINGLE have invented a certain improvement in LIGAND, CATALYST AND PROCESS FOR HYDROFORMYLATION

WHEREAS I/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, I/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 I/we hereby agree that I/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.

Marijke DE BOER-WILDSCHUT

(Witness)

Date

(Witness)

Manutsavin CHARERNSUK
Manutsavin CHARERNSUK

Tamara FANSE
(Witness)

16/9/09
Date

PROTE JANKOWSKI
(Witness)

Cornelia Alida KROM

(Witness)

Date

(Witness)



Monica CARREIRA-MÉNDEZ

16/09/09

Date

Wilhelmus Petrus MUL

Date



Paul Gerard PRINGLE

16/9/09

Date

judit jaltai 16/09/09

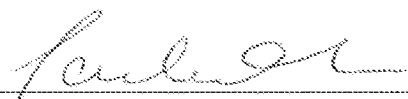
(Witness) JUDIT JALTAI

Tamara Fanjul 16.09.09

(Witness) TAMARA FANJUL

(Witness)

(Witness)



(Witness) PIOTR JANOWSKI

judit jaltai 16/09/09

(Witness) JUDIT JALTAI

ASSIGNMENT

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Marijke DE BOER-WILDSCHUT

16 - 9 - 2009

Date

United States is hereby authorized to issue

M. Vlaanderen
(Witness)

(Witness) 

Manutsayin CHARERNSUK

(Witness)

Date _____

(Witness)

Cornelia Alida KROM

Date 16-Aug-2022

(Witness)

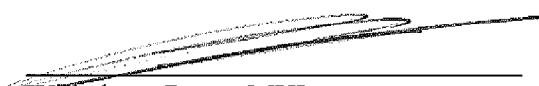
(Witness) Elmer J. H. [Signature]

Monica CARREIRA MENDEZ

(Witness)

Date


(Witness)



Wilhelmus Petrus MUL

(Witness)

Date : 16-9-'09



(Witness)

Paul Gerard PRINGLE

(Witness)

Date

(Witness)

ASSIGN.DOT