

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ki-Hyok Choi	01/14/2009
RECEIVING PARTY DATA	
Name:	Saudi Arabian Oil Company
Street Address:	1 Eastern Avenue
City:	Dhahran
State/Country:	SAUDI ARABIA
Postal Code:	31311
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12277275
CORRESPONDENCE DATA	
Fax Number:	(713)222-3291
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(713) 221-3306
Email:	sharanda.mozart@bglip.com
Correspondent Name:	Bracewell & Giuliani LLP
Address Line 1:	711 Louisiana St
Address Line 2:	Suite 2300
Address Line 4:	Houston, TEXAS 77002
ATTORNEY DOCKET NUMBER:	004159.003063
NAME OF SUBMITTER:	Constance Gall Rhebergen
Total Attachments: 3 source=SA563_Assignment#page1.tif source=SA563_Assignment#page2.tif source=SA563_Assignment#page3.tif	

OP \$40.00 12277275

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)
Ki-Hyok Choi
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Saudi Arabian Oil Company
Internal Address: _____
Street Address: 1 Eastern Avenue
City: Dhahran
State: _____
Country: Saudi Arabia Zip: 31311
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):
Execution Date(s) January 14, 2009
 Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s)
12/277,275
Additional numbers attached? Yes No

B. Patent No.(s)

5. Name and address to whom correspondence concerning document should be mailed:
Name: Constance Gall Rhebergen
Internal Address: Bracewell & Giuliani LLP
Street Address: 711 Louisiana Street, Suite 2300
City: Houston
State: TX Zip: 77002
Phone Number: (713) 221-3306
Fax Number: (713) 222-3291
Email Address: constance.rhebergen@bgllp.com

6. Total number of applications and patents involved: one
7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information
Deposit Account Number _____
Authorized User Name _____

9. Signature: _____ /Constance Gall Rhebergen/
Signature Date
Constance Gall Rhebergen
Name of Person Signing
Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS, I, Ki-Hyouk Choi, a citizen of the Republic of Korea, am the sole inventor of a PROCESS TO UPGRADE WHOLE CRUDE OIL BY HOT PRESSURIZED WATER AND RECOVERY FLUID, filed with the United States Patent and Trademark Office on November 24, 2008; and having Serial No. 12/277,275.

WHEREAS, SAUDI ARABIAN OIL COMPANY, a Company with Limited Liability of Saudi Arabia, with a business address of 1 Eastern Avenue, Dhahran 31311, Saudi Arabia, hereafter "SAUDI ARAMCO", is desirous of acquiring the entire right, title and interest in and to the aforesaid invention throughout the world, and all right, title and interest in, to and under any and all Letters Patent of the United States and all other countries throughout the world;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to me in hand paid by SAUDI ARAMCO and for other good and valuable considerations, the receipt of which is hereby acknowledged, I hereby sell, assign, transfer and set over to SAUDI ARAMCO, all right, title and interest in and to the said invention throughout the world, and said application for U.S. Letters Patent, and any and all divisions, continuations, reexaminations and reissues thereof, and any and all Letters Patent of the United States and foreign countries which may be granted therefor, the same to be held and enjoyed by them for their own use and benefit, and for the use and benefit of their successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States or foreign countries are or may be granted, reexamined or reissued, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

And I hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application and from any and all divisions, continuations, and reissues thereof, to SAUDI ARAMCO, as assignee of my entire interest, and hereby covenant that I have the full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith.

And I further hereby covenant and agree that I will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefor, to SAUDI ARAMCO, its successors, assigns, or other legal representatives and that if SAUDI ARAMCO shall desire to file any divisional or continuation applications or to secure a reexamination or reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

And I do further covenant and agree that I will, at any time upon request, communicate to SAUDI ARAMCO, its successors, assigns or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to me, and testify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

EXECUTED THIS 14th day of January, ~~2008~~²⁰⁰⁹.

Choi Choi
Ki-Hyouk Choi