PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| Bruce E Reynolds | 02/03/2009 |

RECEIVING PARTY DATA

| Name: | CHEVRON U.S.A. INC | |
|-----------------|----------------------------|--|
| Street Address: | 6001 Bollinger Canyon Road | |
| City: | San Ramon | |
| State/Country: | CALIFORNIA | |
| Postal Code: | 94583 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12355574 |

CORRESPONDENCE DATA

Fax Number: (925)842-2051

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 925-842-1536

Email: KAVV@Chevron.com

Correspondent Name: CHEVRON CORPORATION

Address Line 1: P.O. BOX 6006

Address Line 4: SAN RAMON, CALIFORNIA 94583-0806

ATTORNEY DOCKET NUMBER: T-6493-CIP

NAME OF SUBMITTER: Hanh Pham

Total Attachments: 1

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PATENT REEL: 022206 FRAME: 0245

ASSIGNMENT

WHEREAS, I / We,

RECORDED: 02/04/2009

Bruce E. Reynolds, residing at 1739 Jeanne Circle, Martinez, CA 94552; and

have invented new and useful improvements in

"REACTOR FOR USE IN UPGRADING HEAVY OIL"

| MEMOTORY FOR BY OF DIMENTING HEMY FORE |
|--|
| set forth in an application for Letters Patent of the United States, |
| |
| Dearing Serial No and filed on, 2008; and |
| WHEREAS, CHEVRON U.S.A. INC., a corporation organized and existing under and by virtue of the laws of the Commonwealth of Pennsylvania, and having a regular and established place of business at San Ramon, State of California, is desirous of acquiring the entire right, title and interest in and to said invention, and in and to the Letters Patent to be granted and issued therefor: |
| NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, I, Bruce E. Reynolds , the said ASSIGNOR, do hereby sell, assign, transfer and set over unto said CHEVRON U.S.A. INC., its successors and assigns, the entire right, title and interest in and to said invention, and in and to all Letters Patent to be granted and issued therefor, not only for, to and in the United States of America, but for, to and in all other countries; and I hereby authorize and request the Commissioner for Patents to issue said Letters Patent in accordance with this Assignment. |
| Signed my hand at Richnon Louisisma, this 3 day of Jenuary, 2009. February 2009. Bruce E. Reynolds |
| STATEMENT BY WITNESS |
| l, <u>ெரி நிரிய</u> whose full post office address is <u>2325 மிரிய Ac Pale Lo</u> was personally present and did see Bruce E. Reynolds , who is known to me, execute the above assignment. |
| <u> </u> |

Signature of Witness

PATENT REEL: 022206 FRAME: 0246