

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| SHELL EXPLORATION & PRODUCTION COMPANY | 09/01/2010 |
| RECEIVING PARTY DATA | |
| Name: | U.S. Department of Energy |
| Street Address: | 1000 Independence Ave., SW |
| City: | Washington |
| State/Country: | DISTRICT OF COLUMBIA |
| Postal Code: | 20585 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 11788858 |
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| Total Attachments: 1 source=S-118217#page1.tif | |

CONFIRMATORY LICENSE

Title of Invention: High Strength Alloys

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Patent Application Serial No: 11/788,858

Filing Date : April 20, 2007

Patent Number: 7,785,427

Issue Date: August 31, 2010

Name of Contractor (i.e. Contractor, Subcontractor, Grant, or Cooperative Agreement, as applicable):

Shell Exploration and Production Company

DOE Contract No. (i.e. Contract, Subcontract, Grant, or Cooperative Agreement, as applicable):

ERD-05-2516

DOE Case No.: S- 11 82/7 **Contractor Docket No.:** TH3239

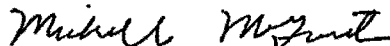
The Contractor has reported the above-identified invention as a Subject Invention to DOE and has elected to retain title thereto.

Accordingly, this document is confirmatory of the nonexclusive, nontransferable, irrevocable, paid-up, worldwide license in this subject invention, patent application and any resulting patent, including any continuation, divisional, reissue, or supplemental application thereof, to practice or to have practiced for or on behalf of the United States throughout the world; and of all other rights acquired by the Government by the patent rights clause in the above-identified contract.

It is understood and agreed that this license does not preclude the Government from asserting rights under the provisions of said contract or of any other agreement between the Government and the Contractor, or from asserting any other rights of the Government with respect to the above-identified subject invention.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 1st day of September, 2010



Contractor Name (Typed)

Shell Exploration & Production Company

Official's Name and Title (Typed) Michelle M. McGrath, Director, Shell Exploration & Production Company

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