PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ahmed Ibrahim Al-Herz	06/06/2007
Mohammad K. Ibrahim	07/01/2007

RECEIVING PARTY DATA

Name:	King Fahd University of Petroleum & Minerals
Street Address:	P.O. Box 372
City:	Dhahran
State/Country:	SAUDI ARABIA
Postal Code:	31261

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12967678

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 3055D-0030DIV

NAME OF SUBMITTER: David E. Dougherty

Total Attachments: 1

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OP \$40,00

PATENT REEL: 027608 FRAME: 0250 Docket No.: 3055D-0030

WHEREAS WE, Ahmed Ibrahin Al-Herz of

ASSIGNMENT

WINDLEAS WE, Anmed IDranin A		and Mohammad K
Ibrahim of	, respect	
invention as set forth in an application for Unit	ted States Letters Potent entirled TV	OFFICE TO A COST A DOTTE TO TOTAL TO A COST.
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Transition of Carros States Centers Patent Wa	s filed on	, and identified by United States Patent
Application No.		
	Petro	oleum & Minerals
AND WHEREAS, King Fahd	<u>U</u> niversity of a	corporation of the State of
and havin	ng an address of Dhahran 3	1261 Saudi Arabia .
destrous of acquiring the entire right, title and it	nterest in and to said invention and	in and to any and all I effert Patent of the
United States and foreign countries which may	be obtained therefor	and to tall that an inches i ment of the
NOW, THEREFORE, for good and	1 valuable consideration the rac	eipt for and sufficiency of which is hereby
acknowledged, We do hereby sell, assign, trans	efer and set over unto its least van	wasantatives and staticiency of which is hereby
right, title and interest in and to said inventio	on as set forth in the above month	resementives, successors, and assigns, me entire
continuations-in-part, divisions, reissues, re-exa	m do sor losti in the appre-inequal	med application, including any continuations,
States and foreign countries which may be issued	d for said in continu	nd in and to any and all patents of the United
The man relation with the period with the period to the period of the period with the period of the	Tioi said invention;	
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any act whatenever conflicting with these	e hereby agree with the said assign	nee that We will not execute any writing or do
any act whatsoever conflicting with these pres	ents, and toat we will, at any firm	e upon request, without further or additional
consideration but at the expense of said assigned	e, execute such additional assignm	ents and other writings and do such additional
acts as said assignee may deem necessary or de	sirable to perfect the assignee's enj	oyment of this grant, and render all necessary
assistance in making application for and obtaining	ng original, divisional, continuation	s continuations-in-part reexamined raissued
or extended Letters Patent of the United States of	r of any and all foreign countries or	n said invention and in enforcing any rights or
chooses in action accruing as a result of such a	applications or patents, by giving	testimony in any proceedings or transactions
involving such applications or patents, and by ex	secuting proliminary statements an	d other affidavits it being understood that the
foregoing covenant and agreement shall bind, a	nd inure to the benefit of the assi	one and leval representatives of accionar and
assignee;		Sim mid regar representatives or assignor and
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AND I request the Commissioner of Par	tents and Trademarks to issue any	Letters Patent of the United States which may
be issued for said invention to, its legal representation	entatives successors or assigne of	the sale owner of the entire right title and
interest in and to said patent and the invention cov	ered thereby	, me some owner of me entire right, one and
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6-6-2067		
Date	Ahmed Ibrahim Al-Herz	
	Samuel Infalling Al-11612	
Date 1- Suly-2007	mk in	NAH (m
Date	Mohammad K. Ibrahim	101111
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PATENT REEL: 027608 FRAME: 0251

RECORDED: 01/27/2012