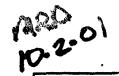
FGI	RM PTO-1595 TRANSMITTAL (	3 - 29 - 2003 Atty. Docket: 3055/8					
	To the Commission of Detaute and Tonders	AND THE					
1.	Name of conveying party(ies):	02560826  Oz. Same and address of receiving party(ies):					
1.   	Takashi INO	Name: 1). KING FAHD UNIVERSITY OF PETROLEUM					
	Toshiaki OKUHARA  SEP 2 3 2003 W	AND MINERALS					
	Mohammad ABUL-HAMAYEL Abdullah AITANI Abdulgader MAGHRABI	Name: 2). PETROLEUM ENERGY CENTER					
	Abdulgader MAGHRABI	Foreign Address: 1). KFUPM Box 5040, Dhahran 31261					
	Additional name(s) of conveying party(ies) attached?	SAUDI ARABIA					
3.	Yes X No  Nature of conveyance:	2). 3-9 Toranomon 4-Chome					
	X Assignment	Tokyo, 105 JAPAN					
	Security Agreement Change of Name Other Correction of Conveying Parties to Receiving Parties and Execution Dates	Domestic Address:					
	Execution Date: March 21, 2001	City: State ZIP					
L		Additional name(s) & address(es) attached? Yes X No					
4.	Application number(s) or patent number(s): If this document is being filed together with a new application						
	A. Patent Application No.(s) 09/883,464	B. Patent Registration No.(s)					
	Additional numbers attached?	Yes X No					
5.	Name and address of party to whom correspondence concerning document should be mailed:	6. Number of applications and patents involved: One (1)					
	Name: Dennison, Schultz & Dougherty						
	612 Crystal Square 4	7. Total fee (37 CFR 3.41): \$40.00					
	1745 Jefferson Davis Highway	X Enclosed					
	Arlington, Virginia 22202-3417	Authorized to be charged to deposit account					
İ	Telephone No.:(703) 412-1155	8. Deposit account number					
	Facsimile No.: (703) 412-1161	(Attach duplicate copy of this page if paying by deposit account):					
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9.	Statement and signature.						
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	original document.	The same server and any america copy is a nac copy of me					
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<u> </u>	David E. Dougherty	September 23, 2003					
9/24	Name of Person Signing Sign Registration No. 19,576 /2003 ANDNAF2 00000034 09883464	Date					
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(Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Takashi Ino Name: 1. King Falid University of Petroleum and Minerals Internal Address: \_\_PEC\_\_\_\_\_ Petroleum Energy Center 3-0 Toronomon 4 Chome Additional name(s) of conveying party(les) attached? 🛄 Yes 🛄 No 3. Nature of conveyance: Assignment Merger | Street Address: \_\_\_\_\_\_ Security Agreement Change of Name Other\_\_\_\_ City: Tokyo State: Japan Zip: 105 Execution Date: October 2, 2001 Additional name(s) & address(es) attached? 2 Yes 1 No 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:\_\_\_\_\_ A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? The Yes In No. 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$ 40 Name: Dr. Halim Hamid Redhwi XX Enclosed Internal Address: Center for Refining and Authorized to be charged to deposit account Petrochemicals, KFUPM Box 1823 8. Deposit account number: Street Address:\_\_\_\_\_ City: Dhahran State: Saudi Arabia 31261 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Dr. Halim Hamid Redhwi October 2, 2001 Date Name of Person Signing Total number of pages including cover sheet, attachments, and documents: Mail documents to be recorded with required cover sheet information to:

10/11/2001 DBYRNE

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Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231



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REEL: 014522 FRAME: 0721

## Additional Names of Receiving Parties:

Name: Toshiaki Okuhara

Address: PEC, 3-9 Toranomon 4-chome, Tokyo 105, Japan

Name: Mohammad Abul-Hamayel

Address: KFUPM Box 5040, Dhahran 31261, Saudi Arabia

Name: Abdullah Aitani

Address: KFUPM Box 5040, Dhahran 31261, Saudi Arabia

Name: Abdulgader Maghrabi

Address: KFUPM Box 5040, Dhahran 31261, Saudi Arabia

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acknowledged, and ot assign and transfer ur and the entire right, t United States, I hereb United States Patent t use and behoof; and f	her good and vanto said assigne itle and interest y authorize and to said assigned or the use and buranted, as fully	aluable considerate the full and except in and to any autrequest the Comme, of the entire rigoehoof of his lega	tion, I, the clusive righ nd all Pate missioner o ht, title, ar I represent	applicant, t to the sa ents which of Patent a nd interest tatives, to	the receipt whereof is by these presents do sell, aid invention in the United States is may be granted therefor in the and Trademarks to issue said in and to the same, for his sole the full end of the term for which have been held by me had this
Executed this	21th	day of	March,		2001,
at Dhahran, Saudi	Arabia				
KINGDOM OF SAUDI ARABIA DISTRICT OF THE CONSULAR SECTION OF THE CONSULATE GENERAL OF THE UNITED STATI OF AMERICA AT DHAHRAN	es } SS			A.	野 隆
Consulate of the Unite	d States of Ame	rica		•	(Signature)
Dhahran, Saudi Arabia	ŧ				
On this day 21th Marc		•	peared Ta		and acknowledged  Ann Gaylia  O' Barr-Breedlove  Consul
Seal					American Consul
Note: Signatures of all the inv forms if more than one signat			e interest or t	heir represei	ntative(s) are required. Submit multiple
* ☐ Total of	forms are su				

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Center of Japan herei	n referred to	assignees" whos	e mailing addresse	es are KFUPM B	AND Petroleum Energy ox 5040, Dhahran 31261, Saudi de and interest in the same;	
Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patent and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.						
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Consulate of United Si	ates of Amer	ica		(Si	gnature)	
Dhahran, Saudi Arabia						
On this 21th day of Mathe foregoing instrume				On Hew Ann O' Barr-	a and acknowledged  Li O'Bar-Buelh  Gaylia  Breedlove  onsul	
Seal					American Consul	
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* ☐ Total of		submitted.				

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Now, therefore, in acknowledged, and assign and transfer and the entire right, United States, I here United States Paten use and behoof; and said Patent may be assignment and sale	other good a unto said as: title and intelept authorize to said ass for the use granted, as	ind valuable con signee the full a erest in and to and request the ignee, of the en and behoof of h s fully and enti	isideration, I, the appund exclusive right to any and all Patents e Commissioner of Potire right, title, and it is legal representatives.	olicant(s), the said in which maternt and interest in a ves, to the	by these preser nvention in the ay be granted t Trademarks to and to the sam full end of the	nts do sell, United States therefor in the issue said e, for his sole term for which
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On this 21th day of Nacknowledged the fo				hammad @	Abul-Hamaye Mayli () 'B Ann Gayl O' Barr-Bree Consul	n Burlh lia edlove
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Note: Signatures of all the forms if more than one sign	inventors or ass nature is require	signees of record of d, See below*.	the entire interest or their	representativ	ve(s) are required.	Submit multiple
* □ Total of	forms	are submitted.				

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Now, therefore, in coacknowledged, and oth assign and transfer un and the entire right, till United States, I hereby United States Patent to use and behoof; and for said Patent may be gassignment and sale not	ner good and to said assigned to said assigned assigned assigned assigned assigned as and assigned as and as	d valuable consignee the full and rest in and to and request the Conee, of the entired behoof of his fully and entire	deration, I, the deration, I, the description of the commissioner of the right, title, a legal represe	e applicant( ght to the satents which r of Patent a and interesiontatives, to	(s), by these pre aid invention in a may be grant and Trademarks t in and to the the full end of	esents do sell, the United States ed therefor in the s to issue said same, for his sole the term for which
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On this 21th day of Ma the foregoing instrumen				d Abdullan	On Boyle' ( Ann ( O' Barr-I	Gaylia Breedlove
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	n referred to a	ssignees" whos	se mailing addresse	s are KFUPM Box	D Petroleum Energy 5040, Dhahran 31261, Saudi and interest in the same;
Now, therefore, in of acknowledged, and of assign and transfer upon and the entire right, the United States, I herebunited States Patent use and behoof; and finally be assignment and sale response.	ther good and noto said assignate and intere y authorize and to said assignate for the use and granted, as fu	valuable considered the full and stin and to and request the Clee, of the entired behoof of his largery and entirely	deration, I, the appli exclusive right to t by and all Patents v commissioner of Pate e right, title, and int degal representative	cant, by these p he said invention which may be go tent and Tradem erest in and to t s, to the full end	resents do sell, n in the United States ranted therefor in the arks to issue said the same, for his sole of the term for which
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