1/18/6 /D 581- W

IAP15 Reo'd POT/FTO 18 JAN 2006

Mail Stop: Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria VA 22313,1450

01/23/2006 04 FC:8021 RECORDATION FORM COVER SHEET

01-26-2006

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

10/564988

P.O.	. Box	: 1450 ria, VA 22313-1450	1031654			Attorney Docket No. 126599
		Please reco	rd the attached orig	inal do	cum	ent or copy thereof.
1.	Α.	Name of conveying party:		2.	A.	Name and address of receiving parties:
	Yuk B.	cuo KATAYAMA Additional name(s) of conveying par	rty(ies) attached? es 🛛 No			1) YUKUO KATAYAMA 21-25, DAIKYO-CHO, SHINJUKU-KU, TOKYO 1600015, JAPAN 2) K.E.M. CORPORATION 21-25, DAIKYO-CHO, SHINJUKU-KU, TOKYO 1600015, JAPAN
3.	Α.	Nature of conveyance:			В.	Additional name(s) & address(es) attached? ☐ Yes ☐ No
	\boxtimes	Assignment	erger			
		Security Agreement	ange of Name			
į		Other				
	В.	Execution Date: January 12, 2006	5			
4.	\boxtimes	This document is being filed togethe	r with a new applica	ition.		
	A.	Patent Application No.(s)			В.	Patent No.(s)
		Add	itional numbers atta	ched?		Yes 🖾 No
	C.	Title of Application: METHOD FO	OR DEWATERI	NG V	VAT	TER-CONTAINING COAL
		ne and address of party to whom corresterning document should be mailed:	spondence	6.	Tota	al number of applications and patents involved: $\underline{1}$
		me: William P. Berridge		7.	Α.	Total fee (37 CFR 3.41)\$ 40.00
REY1	Q	0000044 10564988 40.00 DP			В.	Enclosed (Check No. 175306)
	Ad	dress: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320		8.		dit any overpayment or charge any underpayment to osit account number 15-0461.
9.	Stat To the	ement and signature. the best of met knowledge and belief the original declarent.	e foregoing inform	ation i	s true	e and correct and any attached copy is a true copy of
	Wil	liam P. Berridge Registration No	0.39,024			Date: January 18, 2006
		Total	number of pages ir	cludir	ıg coʻ	ver sheet, attachments, and document: 2

PATENT REEL: 017534 FRAME: 0984

		(1)	Yukuo KATAYAMA	(5)		
(1-8)	Insert	(2)		(6)	<u> </u>	
	Name(s) of Inventor(s)	(3)		(7)	<u> </u>	
		(4)			1 1 1 2 1 3	
			In consideration of the sum of one of the undersigned, each undersigned,	e dollar (\$1.00) and o		
(9a)	Insert Name of Assignee	(9a)	Yukuo KATAYAMA		1	
(10n)	Insert Address of Assignee	(10a)	21-25, Daikyo-cho, Shinjuku	ı-ku. Tokyo 1600015.	Japan ·	
(9b)	Insert Name of Assignee	(9b)	K.E.M. CORPORATION		1	
(10b)	Insert Address of Assignee	(105)	21-25, Daikyo-cho, Shinjuku	lai Tolaro 1600015	Theore	
	Addigned	, ,				
		the ent inventi continu	after designated as the Assignce) a fre right, title and interest for the U on, and in all applications for pate lation, international, confirmation, ons, reissues and reexamination co	mited States of Americ at including any and a substitute and reisaue	a as defined in 3 Il provisional, no application(s), a	5 U.S.C. §100, in the n-provisional, divisional, nd all Letters Putent.
(11)	Insert	(11)	METHOD FOR DEWATERING	G WATER-CONTAIN	ING COAL	
	Identification such as Title, Case					
	Number, or Foreign Application Number	(4)	Daniera No. 126500			
	Application Number	for wh	ney Docket No. 126599 ich the undersigned has (have) ex n date herewith or	ecuted an application	for patent in the	United States of America
(12)	Insert Date of					
	Signing of Application	(12)	οπ			
(13)	Aiternative	(13)	U.S. application Serial Number			
` ,	Identification for filed applications	filed			1 .	
the Ass claims of reexami Patents full righ and agre	olication or continuation or dignee in every way possible if 3) Each undersigned agree or provisions of the Internation 4) Each undersigned agree of the Lach undersigned authors of the United States resulting to convey the entire interested that this assignment is bifully in the convey the entire interested that this assignment is bifully in the convey the entire interested that this assignment is bifully in the convey the entire interested that this assignment is bifully in the convey the entire interested that this assignment is bifully in the convey the entire interested that this assignment is bifully in the convey the entire interested that this assignment is bifully in the convey the entire interested that this assignment is bifully in the convey the entire interested that this assignment is bifully in the convey the entire interested that the convey the entire interested that this assignment is bifully in the convey the entire interested that the convey the entire interested the convey the entire interested that the convey the entire interested that the convey the entire interested that the convey the entire interested the convey the entire interested the convey the entire interested the convey the con	ivision the in obtaining to executional Converse to perform the distances and g from sail at herein a inding on long grants to	ate all papers necessary in connectore, or any patent or reissue appared evidence and going forward with all papers and documents and pention for Protection of Industrial rm all affirmative acts which may patent to the Assignee. requests the Commissioner of the dapplication(s) to the said Assigned, and that he has not executing and his heirs, successors, assigned, and that he has not executing and his heirs, successors, assigned, and that he has not executing and his heirs, successors, assigned, and that he has not executing and his heirs, successors, assigned in order to comply with the rule of the said Assigned.	lication based thereon th such interference, perform any act which I Property or similar a be necessary to obtain U.S. Patent and Trad nee, as Assignee of the sted, and will not executed igns and legal represe LC the power to insert	n, for the invention in may be necessar greenents. n, maintain or content of fice to e entire interest, cute, any agreementatives.	on, and to cooperate with ary in connection with onfirm by reissue or issue any and all Letters and covenants that he has ents in conflict herewith, tent any further
recorda	tion of this document.				•	
т.		•	c undersigned on the date(s) op			
Dute	Jan. 12, 2	006	Inventor Signature	Jubu	o-Youta	yama(SEAL)
Date			Inventor Signature		<u> </u>	(SEAL)
Date			Inventor Signature _		 	(SEAI.)
Date			Inventor Signature		+ +	(SEAL)
Date			Inventor Signature			(SEAL)
Date			Inventor Signature		<u> </u>	(SEAL)
Date			Inventor Signature			(SEAL)
Date			Inventor Signature		<u> </u>	(SEAL)
neither,	then it should be signed before	ore at least	signed before: (a) a Notary Public two witnesses who also sign here	c if within the U.S.A.	(b) a U.S. Cons	al if outside the U.S.A. If
Date	January 12,			Shit M		
Date	January 12,	2006	Witness	Kizotaka /	Waxama	
	J '			U	0	DATENT

ASSIGNMENT

PATENT REEL: 017534 FRAME: 0985

					1	
		(1)	Yukuo KATAYAMA	(5)	- 	
)	Insert	(2)	· · · · · · · · · · · · · · · · · · ·	(6)		
	Name(s) of Inventor(s)	(3)				
		(4)				
			n consideration of the sum of one de		l other good	d and valuable consideration paid
			of the undersigned, each undersigne			
)	Insert Name of Assignee Insert Address of	(9a)	Υυκυο ΚΛΤΑΥΑΜΑ			
,	Assigned Insert Name of	(10a)	21-25, Daikyo-che, Shinjuku-kı	i, Tokyo 160001	5, Japan	
	Assignee Insert Address of Assignee	(9b)	K.E.M. CORPORATION	· • · · · · · · · · · · · · · · · · · ·	_	
)		(106)	21-25, Daikyo-cho, Shinjuku-ki	i, Tokyo 160001	5, Japan	· · · · · · · · · · · · · · · · · · ·
		the entir inventic continu	ofter designated as the Assignce) and re right, title and interest for the United and interest for the United and in all applications for putent in allon, international, confirmation, sultons, reissues and reexamination certification.	ed States of Ame neluding any and estitute and reiss	rica as deli I all provisi ue applicæ	med in 35 U.S.C. §100, in the ional, non-provisional, divisional, ion(s), and all Letters Putent.
	Insert	(11)	METHOD FOR DEWATERING V	VATER-CONTA	VINING C	DAL
	Identification such as Title, Case		-			
	Number, or Foreign					
	Application Number	,	ey Docket No. <u>126599</u>			
			ch the undersigned has (have) execu date herewith or	ited an applicati	on for pale	mt in the United States of Americ
)	Insert Date of		1			
	Signing of Application	(12)	оп			
)	Alternative	(1.3)	U.S. application Serial Number			
,	Identification for	(13)	O.S. apprication Serial Number		i .	
suc a licati	pplications for the inventions and patents as the Assi	on, and any gnee may o	te all papers necessary in connection patent(s) issuing thereon, and also deem necessary. It is papers necessary in connection to all papers necessary in connections.	to execute separ	ate assignic	nents in connection with such
appl; Assig ms or carnin ents or right agree	pplications for the inventions and patents as the Assi 2) Each undersigned agree ication or continuation as the Internation of the Internation agrant of a valid Unition a grant of a valid Unition agrant of a valid Unition of the United States resulting the United States resulting to convey the entire interest that this assignment is b 6) Each undersigned herel	en, and any gree may de sto executivision the in obtaining esto executional Convector of the states and a seg from said at herein as inding on hop grants the	patent(s) issuing thereon, and also dicem necessary. It all papers necessary in connection reof, or any patent or reissue applicing evidence and going forward with the all papers and documents and perention for Protection of Industrial Promail affirmative acts which may be	to execute separation with any interfaction based there such interference form any act who property or similar mecessary to obtain a S. Patent and T. S. as Assignee of d. and will not eas and legal reprete power to ing	erence whiteon, for the e. with may be a greemer wain, mains and entire xecute, any esentatives sert on this	chemis in connection with such the may be declared concerning invention, and to cooperate with its. Its in or confirm by reissue or office to issue any and all Letters interest, and covenants that he had agreements in conflict herewith assignment any further
applicati applicati Assig ms or carnin ents or right agree utificati	pplications for the inventions and patents as the Assi 2) Each undersigned agreeication or continuation or contention or conce in every way possible 3) Each undersigned agree provisions of the Internati 4) Each undersigned agreeitation a grant of a valid Un 5) Each undersigned author the United States resulting to convey the entire interest that this assignment is b 6) Each undersigned herelation that may be necessary on of this document.	en, and any gree may ce se to execut in obtainin the in obtainin the constant of the central Converse to perfor ited States orizes and rag from said at the constant of the central constant of the central constant of the central constant of the central ce	patent(s) issuing thereon, and also deem necessary. It all papers necessary in connection reof, or any patent or reissue applies gevidence and going forward with get all papers and documents and perention for Protection of Industrial Prim all affirmative acts which may be patent to the Assignee. The requests the Commissioner of the U displication(s) to the said Assignee is application and that he has not executed all mand his heirs, successors, assign the firm of OLIFF & BERRIDGE, FLC le in order to comply with the rules	n with any interfation based there such interference form any act where the control of the contr	erence which con, for the entire rademark (the entire recurs, and entire recurs recurs, and entire recurs recurs, and entire recurs re	cents in connection with such may be declared concerning invention, and to cooperate with the necessary in connection with this. Lain or confirm by reissue or office to issue any and all Letters interest, and covenants that he had agreements in conflict herewith assignment any further than Trademark Office for
auc a application of the control of	pplications for the inventions and patents as the Assi 2) Each undersigned agree ication or continuation of the Internation of the Internation a grant of a valid Undersigned agree aution a grant of a valid Undersigned authorithe United States resulting to convey the entire interest that this assignment is before Each undersigned herelation that may be necessary on of this document. In witness whereof, exect	en, and any gree may ces to execution the in obtainin the in obtainin the interest to executional Convects to perfor ited States orizes and reg from said at herein as inding on here in the condition of the cond	patent(s) issuing thereon, and also deem necessary. The all papers necessary in connection reof, or any patent or reissue applies g evidence and going forward with the all papers and documents and permitted for Protection of Industrial Prim all affirmative acts which may be patent to the Assignee. The requests the Commissioner of the U displication(s) to the said Assigned signed, and that he has not executed and his heirs, successors, assign the firm of Outer & Bernidge, ple in order to comply with the rules and undersigned on the date(s) oppose undersigned on the date(s) oppose	n with any interfation based there such interference form any act where the control of the contr	erence which the control of the cont	nents in connection with such such may be declared concerning to invention, and to cooperate with the necessary in connection with this. It is not confirm by reissue or office to issue any and all Letters interest, and covenants that he has agreements in conflict herewith assignment any further and Trademark Office for
appli Assignms or armin armin agree tifica rdati	pplications for the invention ons and patents as the Assi 2) Each undersigned agreeication or continuation or displace in every way possible. 3) Each undersigned agree provisions of the Internation a grant of a valid Unsider agree ag	en, and any gree may ces to execut livision the in obtainin set to executional Convects to perfor ited States orizes and ag from said set herein as the end of the en	patent(s) issuing thereon, and also deem necessary. It all papers necessary in connection reof, or any patent or reissue applies g evidence and going forward with a seall papers and documents and per ention for Protection of Industrial Prim all affirmative acts which may be patent to the Assignee. It application(s) to the said Assigned application(s) to the said Assigned application(s) to the said Assigned and that he has not executed application and that he has not executed and his heirs, successors, assign the firm of OLIFF & BERRIDGE, FLC le in order to comply with the rules and and the said Assigned and the date(s) opposite the said Assigned and the said A	n with any interfation based there such interference form any act where the control of the contr	erence which the control of the cont	ch may be declared concerning invention, and to cooperate with the necessary in connection with this. It is not confirm by ressue or office to issue any and all Letters interest, and covenants that he has agreements in conflict herewith assignment any further thand Trademark Office for ess.
appl: Assignms or armin armin article agree agree e e	pplications for the inventions and patents as the Assi 2) Each undersigned agreeication or continuation or conce in every way possible 3) Each undersigned agree provisions of the Internati 4) Each undersigned agree ration a grant of a valid Un 5) Each undersigned author the United States resulting to convey the entire interest that this assignment is b 6) Each undersigned herelation that may be necessary on of this document. In witness whereof, exect	en, and any gnee may ces to executivision the in obtainin tes to executional Convects to perfor ited States orizes and a g from said at herein as inding on the by grants the or desirab	patent(s) issuing thereon, and also deem necessary. The all papers necessary in connection reof, or any patent or reissue applies g evidence and going forward with ge eatile papers and documents and per ention for Protection of Industrial Prim all affirmative acts which may be patent to the Assignee. The requests the Commissioner of the U displication(s) to the said Assignee is igned, and that he has not executed and his heirs, successors, assign the firm of OLIFF & BERRIDGE, PLC le in order to comply with the rules and his heirs. The requests the Comply with the rules are firm of OLIFF & BERRIDGE, PLC le in order to comply with the rules and his heirs.	n with any interfation based there such interference form any act where the control of the contr	erence which the control of the cont	cents in connection with such such may be declared concerning invention, and to cooperate with the necessary in connection with ints. Itain or confirm by reissue or office to issue any and all Letters interest, and covenants that he had agreements in conflict herewith assignment any further and Trademark Office for the confirmation of the conf
appl: Assignms or amin or amin or ight agra ordati	pplications for the inventions and patents as the Assi 2) Each undersigned agree ication or continuation or conce in every way possible 3) Each undersigned agree in every way possible in provisions of the Internati 4) Each undersigned agree attion a grant of a valid Un 5) Each undersigned author the United States resulting to convey the entire interest that this assignment is b 6) Each undersigned herelation that may be necessary on of this document. In witness whereof, exect	en, and any gree may ces to execution the in obtainin the in obtainin the in obtainin the in obtainin the interest of executional Convects to perfor ited States or izes and in eg from said at herein as inding on hot grants the or desirable the by the	patent(s) issuing thereon, and also deem necessary. The all papers necessary in connection reof, or any patent or reissue applies g evidence and going forward with the all papers and documents and permitted for Protection of Industrial Primall affirmative acts which may be patent to the Assignee. The requests the Commissioner of the U displication(s) to the said Assigned signed, and that he has not executed and his heirs, successors, assigned firm of Oliff & Bernidge, fle in order to comply with the rules and mand his heirs of the date(s) opposite undersigned on the date(s) opposite undersigned on the date(s) opposite in the date of	n with any interfation based there such interference form any act who reperty or similar recessury to obtain the Assignce of d. and will not estand legal report the power to interference of the United State the undersite the u	erence which the control of the country of the coun	ch may be declared concerning invention, and to cooperate with the necessary in connection with this. It is not confirm by reissue or office to issue any and all Letters interest, and covenants that he has agreements in conflict herewith assignment any further and Trademark Office for (SEAL)
appl: Assignms or aminus or aminus or agrain tificati ce ee ee ee ee ee	pplications for the inventions and patents as the Assi 2) Each undersigned agreeication or continuation or conce in every way possible 3) Each undersigned agree provisions of the Internati 4) Each undersigned agree attion a grant of a valid Un 5) Each undersigned author the United States resulting to convey the entire interest that this assignment is b 6) Each undersigned here attion that may be necessary on of this document. In witness whereof, exect	en, and any gnee may ces to executivision the in obtainin to the in obtainin to the interest of the constant o	patent(s) issuing thereon, and also deem necessary. It all papers necessary in connection reof, or any patent or reissue applies gevidence and going forward with ge eali papers and documents and per ention for Protection of Industrial Promall affirmative acts which may be patent to the Assignee. The requests the Commissioner of the U application(s) to the said Assignee is application(s) to the said Assignee is firm of OLIFF & BERRIDGE, FLC le in order to comply with the rules and his heirs, successors, assign the firm of OLIFF & BERRIDGE, FLC le in order to comply with the rules and easigned on the date(s) opposite the comply with the rules are inventor Signature. Inventor Signature Inventor Signature Inventor Signature	n with any interfation based there such interference form any act where the mecessary to obtain the same of the united state of the United State the undersite the undersi	erence which may be a significant may be a significant mains a significant mains a series. The entire execute, any esentatives sert on this lates Pateni gned name	connection with such such may be declared concerning invention, and to cooperate with the necessary in connection with ints. Itain or confirm by reissue or office to issue any and all Letters interest, and covenants that he had agreements in conflict herewith assignment any further and Trademark Office for (SEAL) (SEAL)
appl: appl: Assignms or amin artis or ight agra agra atifica c e e e e e e e	pplications for the inventions and patents as the Assi 2) Each undersigned agree ication or continuation or conce in every way possible 3) Each undersigned agree in every way possible in provisions of the Internati 4) Each undersigned agree attion a grant of a valid Un 5) Each undersigned author the United States resulting to convey the entire interest that this assignment is b 6) Each undersigned herelation that may be necessary on of this document. In witness whereof, exect	en, and any gnee may ces to executivision the in obtainin to the in obtainin to the interest of the constant o	patent(s) issuing thereon, and also deem necessary. The all papers necessary in connection reof, or any patent or reissue applies gevidence and going forward with the all papers and documents and permitted for Protection of Industrial Promail affirmative acts which may be patent to the Assignee. The requests the Commissioner of the Urd application(s) to the said Assignet is signed, and that he has not executed in and his heirs, successors, assign the firm of OLIFF & BERRIDGE, PLC le in order to comply with the rules and the comply with the rules inventor Signature	n with any interfation based there such interference form any act where the modern of the control of the control of the control of the United States and the control of the Control	erence which the control of the country and th	ch may be declared concerning invention, and to cooperate with the necessary in connection with this. It is not confirm by reissue or office to issue any and all Letters interest, and covenants that he has agreements in conflict herewith assignment any further and Trademark Office for (SEAL) (SEAL) (SEAL)
suc a suc a suc a suc a suc a suppl: Assignms of successions or s	pplications for the inventions and patents as the Assi 2) Each undersigned agreeication or continuation or conce in every way possible 3) Each undersigned agree provisions of the Internati 4) Each undersigned agree attion a grant of a valid Un 5) Each undersigned author the United States resulting to convey the entire interest that this assignment is b 6) Each undersigned here attion that may be necessary on of this document. In witness whereof, exect	en, and any gree may ces to execution the in obtainin the in obtaining the interest of the int	patent(s) issuing thereon, and also deem necessary. It all papers necessary in connection reof, or any patent or reissue applies gevidence and going forward with ge eali papers and documents and perention for Protection of Industrial Print all affirmative acts which may be patent to the Assignee. The requests the Commissioner of the U application(s) to the said Assignee is application(s) to the said Assignee is firm of OLIFF & BERRIDGE, FLC le in order to comply with the rules and his heirs, successors, assign the firm of OLIFF & BERRIDGE, FLC le in order to comply with the rules and easigned on the date(s) opposite the comply with the rules are inventor Signature. Inventor Signature Inventor Signature Inventor Signature Inventor Signature Inventor Signature	n with any interfation based there such interference form any act where the mecessary to obtain the same of the united state of the United State the undersite the undersi	erence which the control of the country and th	connection with such such may be declared concerning invention, and to cooperate with the necessary in connection with ints. Itain or confirm by reissue or office to issue any and all Letters interest, and covenants that he had agreements in conflict herewith assignment any further and Trademark Office for (SEAL) (SEAL)
suc a suc a suc a suc a appl: Assignms or carmin ents o right agricultural ents or carmin ents o e e e e e e e e e e e e e e e e e e	pplications for the inventions and patents as the Assi 2) Each undersigned agree ication or continuation agree	en, and any gree may ces to executivision the in obtainin set to executional Convects to perfor ited States orizes and reg from said at herein as inding on herein as a converted by grants the converted by the set the converted by the set the set the converted by the set	patent(s) issuing thereon, and also deem necessary. It all papers necessary in connection reof, or any patent or reissue applies gevidence and going forward with ge eali papers and documents and perention for Protection of Industrial Promall affirmative acts which may be patent to the Assignee. The requests the Commissioner of the U displication(s) to the said Assignee is application for the said Assignee is firm of OLIFF & BERRIDGE, FLC le in order to comply with the rules and his heirs, successors, assign the firm of OLIFF & BERRIDGE, FLC le in order to comply with the rules and easigned on the date(s) opposite undersigned on the date(s) opposite undersigned on the date Inventor Signature Inventor Signature Inventor Signature Inventor Signature Inventor Signature Inventor Signature	n with any interfation based there such interference form any act where the modern of the control of the control of the control of the United States and the control of the Control	erence which may be a significant main main main main main main main main	ch may be declared concerning invention, and to cooperate with the necessary in connection with this. It is not confirm by reissue or office to issue any and all Letters interest, and covenants that he has agreements in conflict herewith assignment any further and Trademark Office for (SEAL) (SEAL) (SEAL)
applicati Assignments of right agree ordati	pplications for the inventions and patents as the Assi 2) Each undersigned agreeication or continuation or conce in every way possible 3) Each undersigned agree provisions of the Internati 4) Each undersigned agree provisions of the Internati 4) Each undersigned agree provisions agrant of a valid Un 5) Each undersigned author the United States resulting to convey the entire interest that this assignment is b 6) Each undersigned herelation that may be necessary on of this document. In witness whereof, exect Jan. 12	en, and any gnee may ces to execution the in obtainin the in obtaining the interest of the int	patent(s) issuing thereon, and also deem necessary. The all papers necessary in connection reof, or any patent or reissue applies gevidence and going forward with the all papers and documents and per ention for Protection of Industrial Promail affirmative acts which may be patent to the Assignee. The requests the Commissioner of the U displication(s) to the said Assignee is application(s) to the said Assignee is and that he has not executed and his heirs, successors, assignee firm of OLIFF & BERRIDGE, PLC le in order to comply with the rules undersigned on the date(s) opposite in the complex of the complex inventor Signature	n with any interfation based there such interference form any act where the mecessary to obtain as Assigned of d. and will not else and legal repretence of the United State the undersimite the undersimited the	erence which may be a significant main main main main main main main main	cents in connection with such such may be declared concerning invention, and to cooperate with the such confirm by reissue or office to issue any and all Letters interest, and covenants that he hay agreements in conflict herewith assignment any further and Trademark Office for (SEAL) (SEAL) (SEAL)
suc a suppl: Assignms or successful succe	pplications for the inventions and patents as the Assi 2) Each undersigned agree ication or continuation or conce in every way possible 3) Each undersigned agree reprovisions of the Internati 4) Each undersigned agree attion a grant of a valid Un 5) Each undersigned author the United States resulting to convey the entire interest that this assignment is b 6) Each undersigned here attion that may be necessary on of this document. In witness whereof, exect Jan 12 2	en, and any gnee may ces to executivision the in obtainin to the in obtainin to the interest of the states or izes and may from said at herein as inding on help grants the or desirab	patent(s) issuing thereon, and also deem necessary. The all papers necessary in connection reof, or any patent or reissue applies gevidence and going forward with gention for Protection of Industrial Prim all affirmative acts which may be patent to the Assignee. The quests the Commissioner of the Url application(s) to the said Assignee signed, and that he has not executed and his heirs, successors, assign the firm of OLIFF & BERRIDGE, PLC le in order to comply with the rules and the comply with the rules fundersigned on the date(s) opposite in the complete in the complete inventor Signature. Inventor Signature	n with any interfation based there such interference form any act wherever or simils recessury to obtain the such interference of the such and will not eas and legal represented by the United States of the United States	are assignated assigna	connection with such such may be declared concerning invention, and to cooperate with the necessary in connection with ints. Itain or confirm by reissue or office to issue any and all Letters interest, and covenants that he had agreements in conflict herewith assignment any further and Trademark Office for (SEAL) (SEAL) (SEAL) (SEAL) (SEAL)
suc a succ	pplications for the inventions and patents as the Assi 2) Each undersigned agree ication or continuation or conce in every way possible 3) Each undersigned agree reprovisions of the Internati 4) Each undersigned agree attion a grant of a valid Un 5) Each undersigned author the United States resulting to convey the entire interest that this assignment is b 6) Each undersigned here attion that may be necessary on of this document. In witness whereof, exect Jan 12 2	en, and any gree may ces to executivision the in obtainin ses to executional Convects to perfor ited States orizes and reg from said at herein as inding on herein as inding on the convector of the states of the convector o	patent(s) issuing thereon, and also deem necessary. It all papers necessary in connection reof, or any patent or reissue applies gevidence and going forward with ge eali papers and documents and perention for Protection of Industrial Promail affirmative acts which may be patent to the Assignee. The requests the Commissioner of the U displication(s) to the said Assignee is signed, and that he has not executed in and his heirs, successors, assignee firm of OLIFF & BERRIDGE, FLC le in order to comply with the rules and an anticomply with the rules in the residual signature. Inventor Signature	n with any interfation based there such interference form any act wherever or simils recessury to obtain the such interference of the such and will not eas and legal represented by the United States of the United States	are assignated assigna	connection with such such may be declared concerning invention, and to cooperate with the necessary in connection with ints. Itain or confirm by reissue or office to issue any and all Letters interest, and covenants that he had agreements in conflict herewith assignment any further and Trademark Office for (SEAL) (SEAL) (SEAL) (SEAL) (SEAL)

RECORDED: 01/18/2006 REEL: 017534 FRAME: 0986