FORM PTO-1595 (Rev 6-93)	· RE	12-01-1990		SHEET	U.S. DEPARTMEN	T OF COMMERCE d Trademark Office
OMB No. 0651-0011 (exp. 4/9-	4)		ik ii		r atom an	o mademark Olikos
Tab settings □ □ □	▼	######################################	s alii ibai		▼	₩
· · · · · · · · · · · · · · · · · · ·	le Commissioner of Pa	100911816	<u> </u>	attached origina	al documents or copy	thereof.
	ng party(les): MO	1/-20-98 2	. Name a	nd address of re	eceiving party(ies)	87 87
Joseph A. Zup	oanick		islame:_	CDX Gas.	L.L.C.	. 9 . 6 . 6 . 6 . 6 . 6 . 6 . 6 . 6 . 6
Additional name(s) of con	nveying party(ies) attached?	Yes 🍇 No	internal	Address:		09/1
3. Nature of conveys	ance:					
Assignment 4	□ M	Nerger	Street A	ddress: 5485	Beltline Road,	Suite 280
☐ Security Agree	ment 🗅 C	Change of Name				
☐ Other			City: Dal	las	State: Texas	ZIP: <u>75240</u>
Execution Date: November 17, 1998			Additional name(s) & address(es) attached? Yes 🔏 No			
4. Application number	er(s) or patent number(s)	:				
If this document i	s being filed together with	a a now application, the	a execution	n data of the an	olication is: Novem	ber 17. 1998
ii this document i	s being filed together with	ra new application, the	execution	ruate of the ap	plication is.	
A. Patent Applica	ation No.(s)	ļ	B. Patent No.(s)			
		ı Additional numbers attached	12 D Yes M	§ No		
Name and address of party to whom correspondence concerning document should be mailed:			6. Total number of applications and patents involved: 1			
Name: W. Rona	ld Robins	7	. Total fee	(37 CFR 3.41)	\$ 40.0	0
Internal Address: Vinson & Elkins, L.L.P.			□ Enclosed			
2601	First City Tower	·	∆ Author ✓ Author	orized to be cha	arged to deposit ac	count
Street Address: 1001 Fannin Street			. Deposit	account numbe	r:	
			22-0	365		
City:Houston	State ^T exas	77002-				
2/01/1998 DHGUYEN 0000001		ZIP:6760	(Attach du	plicate copy of this	page if paying by depo	sit account)
FC:581	40.00 DP	DO NOT USE THE	S SPACE	الرود الوداورة نميانات		
 Statement and sig To the best of my the original docum 	knowledge and belief, the	e foregoing information	n is true an	nd correct and a	ny attached copy is	a true copy of
W. Ronald Rob	ins	W. Kone	uld Kr	bin	Novem	oer 20, 1998
Name of Pers		3	ature		3	Date
		er of pages including cover				
	mail diam grants f			THE RESIDENCE OF THE PERSON SHAPE OF THE PERSO	TP3"	

CDX200\4-1 PATENT

ASSIGNMENT

WHEREAS, I, JOSEPH A. ZUPANICK, of Pineville, West Virginia, a citizen of the United States of America, have invented useful improvements in METHOD FOR PRODUCTION OF GAS FROM A COAL SEAM; for which I have made application for Letters Patent of the United States based thereon, executing the Declaration therefor on the 17th day of November, 1998, and

WHEREAS, CDX GAS, L.L.C., a Texas limited liability company having a place of business at 5485 Beltline Road, Suite 280, Dallas, Texas 75240, is desirous of acquiring certain rights thereunder;

NOW, THEREFORE, for and in consideration of the sum of ONE DOLLAR to me in hand paid, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I agree to and do hereby sell, assign and transfer to said CDX GAS, L.L.C., its successors and assigns, all my right, title, and interest throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to said application and the invention disclosed therein, including divisional, continuation or reissue applications based in whole or in part on said United States applications or in whole or in part on any of the aforesaid United States applications or in whole or in part on said invention, and all patents (including extensions thereof) of any country which have been or may be granted on any of the aforesaid applications or on said invention or any part thereof;

AND I hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said CDX GAS, L.L.C.

EXECUTED at Pineville, West Virginia, on the date indicated below.

OSEPH A. ZUPANICK

DATE OF SIGNING

PATENT REEL: 9603 FRAME: 0232 CDX200\4-1 PATENT

STATE OF WEST VIRGINIA

COUNTY OF WYOMING

BEFORE ME, the undersigned authority, on this day personally appeared JOSEPH A. ZUPANICK, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this $\sqrt{1000}$ day of November, 1998.

A STATE OF THE STATE OF	
	OFFICIAL SEAL
	NOTARY PUBLIC
13 A. A. (1)	STATE OF WEST VIRGINIA
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CHRISTI S. GILMORE
15 25 25 15	P. O. BOX 1593
	PINEVILLE, WV 24874
Hune	My Commission Expires October 26, 2004
~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

**RECORDED: 11/20/1998** 

(SEAL)

Christi S. Dilmore
Notary Public in and for
the State of West Virginia
Typed Name of Notary: Christi S. Gilmore

My Commission expires: October 26, 2004

VEHOU03:182515.1