FORM PTO 1595 1 6-97**W** (

REC



101040129

 Γ U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Addition	Name of conveying party(ies) CYPRUS AMAX MINERALS COMPANY nal name(s) of conveying party(ies) attached? [] Yes [X] No	2. Names and address of receiving party(ies): Name: CYPRUS AMAX COAL COMPANY Internal Address: 9100 E. Mineral Circle		
Ĺ		Street Address: 9100 E. Mineral Circle		
3.	Nature of conveyance:	City, State & Zip: Englewood, CO 80155-3299		
	[X] Assignment [] Merger	enty, state to Exp. 2 agreement, see the carry		
j	[] Security Agreement [] Change of Name	Additional names & addresses attached? [] Yes [X] No		
<u> </u>				
1	[] Other	†		
	Execution Date April 27, 1999	<u> </u>		
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:			
ľ				
]	A. Patent Application No.(s) B.	Patent No.(s) — 4,599,955		
1	2	1 4000 100(0)		
]				
Additional numbers attached? [] Yes [X] No				
-				
5.	Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: one (1)		
	Name: BRUCE E. DAHL, ESQ.			
	Internal Address: KLAAS, LAW, O'MEARA & MALKIN 1999 Broadway, Suite 2225 Denver, Colorado 80202	7. Total fee (37 CFR 3.41) \$ 40.00 [X] Enclosed (Ck. No. 10539) [] Authorized to be charged to deposit account		
<u> </u>	Street Address: KLAAS, LAW, O'MEARA & MALKIN 1999 Broadway, Suite 2225	8. Deposit account number: 11-1150		
	City, State, Zip: Denver, Colorado 80202	(Attached duplicate copy of this page if paying by deposit account)		
/17/1 99 9	JSHABAZZ 00000062 4599955 DO NOT USE	E THIS SPACE		
FC:581	40.00 DP			
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. Bruce E. Dahl Name of person signing Signature Signature Date			
		Total number of pages: [2]		

PATENT REEL: 009942 FRAME: 0778



ASSIGNMENT DEED

WHEREAS, CYPRUS AMAX MINERALS COMPANY, a Delaware corporation having principal offices at 9100 East Mineral Circle, Englewood, CO 80155-3299, the successor by merger to AMAX Inc., is the owner by assignment of the entire right, title, and interest in the following United States Letters Patent:

PATENT NO.

TITLE

DATE OF ISSUANCE

4,599,955

Coal Slagging Burner For Producing

July 15, 1986

Clean Low-sulfur Fuel Gas

WHEREAS, CYPRUS AMAX COAL COMPANY, a Delaware corporation having principal offices at 9100 E. Mineral Circle, Englewood, CO 80155-3299 is desirous of acquiring the above-identified United States Letters Patent.

NOW, THEREFORE, be it known that for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, CYPRUS AMAX MINERALS COMPANY hereby assigns to CYPRUS AMAX COAL COMPANY, its successors and assigns, all right, title, and interest in and to said United States Letters Patent.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal on this 27th day of April, 1999.

CYPRUS AMAX MINERALS COMPANY

By:

Philip C. Wolf

Senior Vice President, Secretary, General Counsel

STATE OF COLORADO

) ss

COUNTY OF ARAPAHOE

Before me this 27th day of April, 1999 personally appeared Philip C. Wolf, who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

(SEAL)

Notary Public

My commission expires:

Address

Address

City State

<u> CO 80112</u>

PATENT REEL: 009942 FRAME: 0779

FORM PTO 1595 6-97

RECORDATION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE

PATENTS ONLY

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1.	Name of conveying party(ies)		2. Names and address of receiving party(ies):
	CYPRUS AMAX MINERALS COM	MPANY	Name: CYPRUS AMAX COAL COMPANY Internal Address: 9100 E. Mineral Circle
Additic	onal name(s) of conveying party(ies) attac	ched? [] Yes [X] No	
			Street Address: 9100 E. Mineral Circle
3.	Nature of conveyance:		City, State & Zip: Englewood, CO 80155-3299
	[X] Assignment [] Merg	ger	5.ty, 5 2p. 2g. 2 2
		nge of Name	Additional names & addresses attached? [] Yes [X] No
	[] Other		
	Execution Date April 27, 1999		
4.	Application number(s) or patent numb	per(s):	
-		. ,	the execution date of the application is:
	A. Patent Application No.(s)	B.	Patent No.(s) — 4,599,955
	A. Tatent Application (10.20)	 .	ratent (vo.(s) — 4,565,
		A different numbers offe	1 10 (3 A) (30) A)
		Additional numbers attac	ched? [] Yes [X] No
5.	Name and address of party to whom co	orrespondence	6. Total number of applications and patents involved: one (1)
	concerning document should be mailed		6. Total number of applications and patents involved: one (1)
	Name: BRUCE E. DAHL, ESQ.		
	Internal Address: KLAAS, LAW, O'N		7. Total fee (37 CFR 3.41) \$ 40.00
	1999 Broadway, Si Denver, Colorado 3		[X] Enclosed (Ck. No. 10539)[] Authorized to be charged to deposit account
	Street Address: KLAAS, LAW, O'N		
	1999 Broadway, St	.ite 2225	8. Deposit account number: 11-1150
	City, State, Zip: Denver, Colorado 8	80202	(Attached duplicate copy of this page if paying by deposit account)
		DO NOT USE	THIS SPACE
9.	Continue and alternatives		
9.	Statement and signature. To the best of my knowledge and belief	f, the foregoing informati	ion is true and correct and any attached copy is a true copy of the
	original document.		· M
	Bruce E. Dahl	Mar Ed	1 del 4-29-99
	Name of person signing 4	Sig	gnature Date
			Total number of pages: [2]

PATENT REEL: 009942 FRAME: 0780

RECORDED: 05/03/1999