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FORM PTO-1595 REC		9-28-2000	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
8.21-00	P/		
Tab settings ⇔ ⇔ ⇔ ▼ To the Honorable Commissioner of Patents		01475589	iginal documents or copy thereof.
1. Name of conveying party(ies):			of receiving party(ies):
SGI International			hnologies, LLC
		Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes No			<u>، ان </u>
3. Nature of conveyance:			
🖾 Assignment 🔲 Me	erger	Street Address: 1	200 Prospect Street
Security Agreement	hange of Name	Suite 325	
Other		City: La Jolla	State: CA ZIP: 92037
Execution Date:		Additional name(s) & add	dress(es) attached? 🗖 Yes 🛛 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 app	plication is:
A. Patent Application No.(s)	1	B. Patent No.(s)	
		5,401,364	
Ad	ditional numbers attacl	ned? 🖸 Yes 🖾 No	
5. Name and address of party to whom corre- concerning document should be mailed:	spondence	6. Total number of appli	cations and patents involved: 1
Name: <u>John R. Taylor</u>			¢
Internal Address:		7. Total fee (37 CFR 3	3.41)Ψ
		Enclosed	
		Authorized to be	e charged to deposit account
Street Address :c/o_SGI_Internati	ional	8. Deposit account nu	mber:
1200 Prospect Street, Suite			y of this page if paying by deposit account)
City: La JollaState: CA	ZIP: <u>92037</u> DO NOT USE 1		
	DONOTUSE		
		nation is true and correct	and any attached copy is a true copy
9. Statement and signature. To the best of my knowledge and belief, th of the original document. SGI International, a corporatio		W. Maaler	12-9-1999
James W. Mahler Name of Person Signing	(yumes	Signature	Date 1
	\checkmark	Total number of	pages comprising cover sheet:
	· ·	DEEL	011103 ERAME: 0761

ASSIGNMENT

- SGI International, a corporation ("Assignor" or "SGI"), having its principal place of business at 1200 Prospect Street. Assignor: Suite 325, La Jolla, CA 92037.
- LFC Technologies, LLC, having its principal place of business at 1200 Prospect Street, Suite 325, La Jolla, CA 92037 Assignees: ("Assignee").
- "Process for Treating Noncaking, Noncoking Coal to form Char with Process Derived Gaseous Fuel having a Variably Invention: Controllable Calorific Heating Value", for which a patent application was filed on March 11, 1993, as U.S. Patent Application Serial No. 08/219,529; Patent granted March 28, 1995 as No. 5,401,364.
- The Invention has previously been assigned by the inventors to SGI International by way of an Assignment recorded in the 1) United States Patent and Trademark Office on March 11, 1993 on Reel 6468 at Frame 0961.
- The invention has previously been assigned by SGI International to TEK-KOL by way of an Assignment recorded in the United 2) States Patent and Trademark Office on November 1, 1995 on Reel 7709 at Frame 0665.
- The Invention has previously been assigned by TEK-KOL, which assigned 100% of its worldwide right, title and interest in 3) the Invention such that SGI International had an undivided 50% interest and Assignor has an undivided 50% interest in the Invention.
- The Invention has previously been assigned by Bluegrass Coal Development Company, a Delaware Company located at 1500 4) N. Big Run Road, Ashland, KY, which assigned to SGI 100% of its worldwide right, title and interest in the Invention consisting of an undivided 50% therein free and clear of all liens and encumbrances and including all rights to resolve for past acts of infringement.
- 5) For good and valuable consideration receipt of which is hereby acknowledged, Assignor hereby assigns to Assignee all of its present undivided fifty percent (50%) in the entire worldwide right, title and interest in the Invention, free and clear of all liens and encumbrances and including all rights to recover for past acts of infringement, such that Assignee has 100% of the interests previously owned by Assignor in the Invention.

Assignor shall: (6)

- Execute all papers necessary in connection with the Invention and any continuing, continuation-in-part, or divisional a) application thereof;
- Execute separate assignments in connection with such continuing, continuation-in-part, or divisional application as b) Assignees deem necessary or expedient;
- Execute all papers necessary in connection with any interference which may be declared concerning the Invention c) of any continuation, continuation-in-part, or divisional application thereof;
- Cooperate with Assignees in every way possible in obtaining evidence and going forward with such interference; d
- Execute all papers and documents, and perform any act which may be necessary in connection with the claims or provisions of the International Convention for Protection of Industrial Property or similar agreements; and e)
- Perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to Assignee for f) the Invention.
- Assignor hereby: 7)
- Authorizes and requests the Commissioner of Patents to issue to Assignee and Bluegrass any and all Letters Patents of the United States resulting from the Invention or any continuation, continuation-in-part, or divisional applications a) thereof;
 - Covenants that it has full right to convey the entire interest herein assigned, and that it has not executed (except as described herein), and shall not execute, any agreement in conflict with this instrument, and that it is the true and only b) owner of the Invention along with Bluegrass.
- Assignor hereby grants to the following persons the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation 8) of this document; John Land -Reg. No. 29,554 and John R. Wetherell -Reg. No. 31,678.

Dated: 12 9 99

PATENT REEL: 011103 FRAME: 0762

ACCEPTANCE

Assignee accepts the Assignment by Assignor of an undivided fifty percent (50%) interest in the Invention described herein.

Executed at La Jolla, California on November <u>19</u>, 1999.

LFC Technologies, LLC

Fayle BY: • Name John R. Taylor

Title: Secretary