FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 07-14-2000



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U.S. Department of Commerce
Patent and Trademark Office
PATENT

JUN 14

RECORD	DATION FORM COVER SHEET
TO: The Commissioner of Detaute and Tradema	PATENTS ONLY arks: Please record the attached original document(s) or copy(ies).
Submission Type	Conveyance Type
	Assignment X Security Agreement
x New	Assignment
Resubmission (Non-Recordation) Document ID#	License Change of Name
Correction of PTO Error Reel # Frame #	Merger Other U.S. Government
Corrective Document Reel # Frame #	(For Use ONLY by U.S. Government Agencies) Departmental File Secret File
Conveying Party(ies)	Mark if additional names of conveying parties attached Execution Date
Name (line 1) ISG Resources, Inc.	Month Day Year
Name (line 2)	
Second Party	Execution Date Month Day Year
Name (line 1)	
Name (line 2)	
Receiving Party	Mark if additional names of receiving parties attached
	A. as agent ("Administrative Agent") If document to be recorded is an assignment and the
Bank of America, N.F	is an assignment and the receiving party is not
Name (line 2)	domiciled in the United States, an appointment
	of a domestic
Address (line 1) 101 North Tryon Stre	representative is attached. (Designation must be a
Address (line 2) Bank of America Corp	separate document from Assignment.)
Balle of America Corp	Joseph Jo
Address (line 3) Charlotte	North Carolina 28255
Domestic Representative Name and	State/Country Zip Code
Domestic Nepresentative Maine and	Enter for the first Receiving Party only.
Name	
Address (line 1)	
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	average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and

gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

REEL: 010901 FRAME: 0631

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Add	dress Area Code and Telephone Number	r
Name Ingrid O. McC	lintock, Esq.	
Address(line 1) McGuire, Woods	s, Battle & Boothe	1011 14
Address (line 2) Bank of Americ	ca Corporate Center	
Address (line 3) 100 North Try	on Street, Suite 2700	
Address (line 4) Charlotte, No.	rth Carolina 28202	
Pages Enter the total numb including any attack	per of pages of the attached conveyance doc hments.	ument #
Application Number(s) or Pate	nt Number(s) Mark	if additional numbers attached
Enter either the Patent Application Number	er or the Patent Number (DO NOT ENTER BOTH numbe	ers for the same property).
Patent Application Numb	per(s) Pate	ent Number(s)
60/155,861 60/188,737	5,433,520	8,573,043 5,040,900
	5.601.643	.749.308 5.840.179
	5_988_396	
If this document is being filed together with a signed by the first named executing inventor	new Patent Application, enter the date the patent applic	ation was Month Day Year
Patent Cooperation Treaty (PC	T)	
Enter PCT application nui	mber PCT PCT	PCT
only if a U.S. Application has not been assigned.	Number PCT PCT	PCT
Number of Properties Ente	er the total number of properties involved.	#
Fee Amount Fee A	Amount for Properties Listed (37 CFR 3.41):	\$
Method of Payment: Deposit Account	Enclosed Deposit Account	
•	nt or if additional fees can be charged to the account.) Deposit Account Number:	#
	Authorization to charge additional fees:	Yes No
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. Charges to deposit account are authorized, as indicated herein.		
	In Oan McClinton	ell 10/12/00
Name of Person Signing	Signature	Date

ASSIGNMENT OF SECURITY INTEREST IN UNITED STATES PATENTS AND TRADEMARKS

FOR GOOD AND VALUABLE CONSIDERATION, receipt and sufficiency of which are hereby acknowledged, ISG RESOURCES, INC., a Utah corporation (the "Assignor"), having its chief executive office at 136 E. South Temple, Suite 1300, Salt Lake City, Utah 84111, hereby assigns and grants to BANK OF AMERICA, N.A. (formerly known as NationsBank, N.A.), as Administrative Agent (in such capacity, the "Administrative Agent"), with offices at NC1-001-15-04, 101 North Tryon Street, Charlotte, North Carolina 28255, a security interest in (all of which are herein collectively referred to as the "PTO Collateral") (i) all of the Assignor's right, title and interest in and to the United States trademarks, trademark registrations and trademark applications set forth on Schedule A attached hereto (the "Marks"), (ii) all of the Assignor's right, title and interest in and to the United States patents set forth on Schedule B attached hereto (the "Patents"), in each case together with (iii) all Proceeds (as such term is defined in the Security Agreement referred to below) and products of the Marks and Patents, (iv) the goodwill of the businesses symbolized by the Marks and (v) all causes of action arising prior to or after the date hereof for infringement of any of the Marks and Patents or unfair competition regarding the same.

THIS ASSIGNMENT is made to secure the full and prompt performance and payment of all the Secured Obligations of the Assignor, as such term is defined in the Amended and Restated Pledge and Security Agreement, dated as of May 26, 2000, among the Assignor, the Administrative Agent and the other parties thereto (as amended, restated, modified or supplemented from time to time, the "Security Agreement"). Upon the satisfaction of the conditions set forth in Section 2.08(b) of the Security Agreement, the Administrative Agent shall execute, acknowledge, and deliver to the Grantor an instrument in writing releasing the security interest in the PTO Collateral acquired under this Assignment.

THIS ASSIGNMENT has been granted in conjunction with the security interest granted to the Administrative Agent for the benefit of the Secured Parties under the Security Agreement. The rights and remedies of the Administrative Agent with respect to the security interest granted herein are without prejudice to, and are in addition to, those set forth in the Security Agreement, all terms and provisions of which are incorporated herein by reference. In the event that any provision of this Assignment is deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall govern.

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IN WITNESS WHEREOF, the un 26th day of May, 2000	dersigned have executed this Assignment as of the 0.
	ISG Resources, Inc., as Assignor
	By: 1 Among Title: Ofo, Treasurer, & ASST. Secretary
STATE OF <u>UTA</u> H	achetary
orwhy of Saltlake	
The foregoing instrument was acknowledge of the corporation. My commission expires:	nowledged before me this 25 th day of as as wrees, Tuc., a UTAH
Notarial Seal	1. 1. 9
Notary Public CURTIS J. BROWN 136 East South Temple, Suite 1300 Salt Lake City, Utah 84111 My Commission Expires June 28, 2003 State of Utah	Notary Public Bank of America, N.A., as Administrative Agent By: Title:

SCHEDULE A

TRADEMARKS AND TRADEMARK APPLICATIONS

Serial No. or Registration No. 1,248,044	<u>Mark</u> ORBALOID
1,010,455	POZICON
1,623,166	ENVIRA-CEMENT
1,911,817	FLO FIL
2,004,062	C-STONE
2,341,611	ALKA PHIX
75/256,274	COAL BYPRODUCTS & DESIGN
1,049,269	STA-BLEND

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SCHEDULE B

PATENTS AND PATENT APPLICATIONS

Serial No. or Patent No.	Description
5,433,520	Apparatus for Continuously Processing Particulate Cementitious Material & Fly Ash Solids, Etc.
08,573,043	Method of Stabilizing Odors in Manure
5,040,900	Sludge Sabilizing Method & Apparatus
5,601,643	Study of Patent: Silvertrim et al—Drexel University
5,749,308	New Carbon Burn Out Technology
5,840,179	Ultrasonic & Conditioning & Wet Fly Ash
5,988,396	Ultrasonic Conditioning & Wet Fly Ash
60/155,861	Masonry Cement Compositions
60/188,737	Carbon Scavenger Fly Ash Pretreatment

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RECORDED: 06/14/2000