

FORM PTO 1001
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11-30-2000

U.S. Department of Commerce
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PATENT



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Assignment Security Agreement

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

PATENT
REEL: 011277 FRAME: 0039

Correspondent Name and Address **Area Code and Telephone Number** 704-593-5282

Name ANNA K. BLACKWELDER

Address (line 1) SGL CARBON, LLC

Address (line 2) P.O. BOX 563960

Address (line 3) CHARLOTTE, NORTH CAROLINA 28256-3920

Address (line 4) _____

Pages Enter the total number of pages of the attached conveyance document including any attachments. # 5

Application Number(s) or Patent Number(s) Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<u>4439382</u>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<u>4891279</u>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT PCT PCT

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Number of Properties Enter the total number of properties involved. # 2

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 80.00

Method of Payment: Enclosed Deposit Account

Deposit Account

(Enter for payment by deposit account 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.

Peter M. Hoffman Peter M Hoffman 10/31/00

Name of Person Signing Signature Date

State of Delaware



Office of Secretary of State

I, MICHAEL RATCHFORD, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "GREAT LAKES CARBON CORPORATION" FILED IN THIS OFFICE ON THE SIXTH DAY OF FEBRUARY, A.D. 1992, AT 11:50 O'CLOCK A.M.

* * * * *



722037101

Michael Ratchford

SECRETARY OF STATE
AUTHENTICATION: *3337982

DATE: 02/06/1992

PATENT
REEL: 011277 FRAME: 0041

CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION



GREAT LAKES CARBON CORPORATION, a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

1. That the Board of Directors of the Corporation, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the Amendment to the Certificate of Incorporation set forth in this Certificate of Amendment.

2. Thereafter, in lieu of a meeting and vote of stockholders, the holders of a majority of the issued and outstanding shares of common stock of the Corporation voting as a class have given written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware, and written notice of the adoption of said Amendment has been given, as provided in Section 228 of the General Corporation Law of the State of Delaware to every stockholder entitled to such notice.

3. The Certificate of Incorporation is hereby amended by changing the First Article thereof to read as follows:

"First. The name of the Corporation is Sigri
Great Lakes Carbon Corporation."

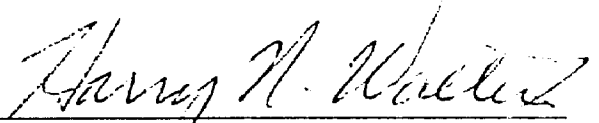
4. The aforesaid Amendment was duly adopted in accordance with the provisions of Section 242 of the General Corporation Law of the State of Delaware.

5. The capital of this Corporation will not be reduced under or by reason of any amendment contained in this Certificate of Amendment.

IN WITNESS WHEREOF, GREAT LAKES CARBON CORPORATION has caused this Certificate to be signed by Harry N. Walters, its President, and attested by Charles F. Wilhelm, its Assistant Secretary, this 6th day of February, 1992.

GREAT LAKES CARBON CORPORATION

By:



Harry N. Walters
President

ATTEST:

By:



Charles F. Wilhelm
Assistant Secretary