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



06-14-2001



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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" value="09/822,754"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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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 <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

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

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

Method of Payment: Enclosed Deposit Account

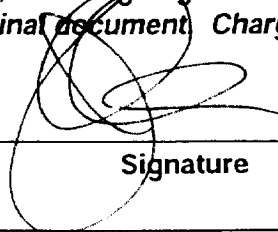
Deposit Account
(Enter for payment by deposit account or if additional fees can be charged to the account.)

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.

James R. Cartiglia 

Name of Person Signing Signature Date

SOLE

ASSIGNMENT

I, the undersigned, WILLIAM VARELA, Citizen of the United States of America, residing at: 8954 Newkirk Drive, Parma Heights, Ohio 44130;

HEREBY STATE UNDER OATH that I am the original, first inventor of an invention for: **THREADED PIN FOR CARBON ELECTRODES**

as described and/or claimed in my application for Letters Patent in the United States of America, filed March 30, 2001, and bearing Serial No. 09/822,754, (Docket No. P-2002).

NOW, THEREFORE, for one (1) dollar and other good and valuable consideration, the sufficiency of which is hereby acknowledged, I do hereby assign, transfer and sell to UCAR CARBON COMPANY INC., a corporation organized and existing under the laws of the State of Delaware, United States of America, its successors and assigns, having an office at 3102 West End Avenue, Suite 1100, Nashville, Tennessee 37203, United States of America as Assignee, without any restrictions, reservations or limitations, our entire right, title, and interest in and to the aforesaid invention and application for Letters Patent and all patents which may be granted thereon, and all divisions, continuations, continuations-in-part, reissues, and extensions thereof;

INCLUDING ALL RIGHTS in and to said invention in any country of the world, including, but not limited to, all priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property, for any and all member countries of the aforesaid International Convention;

AND FURTHER INCLUDING THE SOLE RIGHT to file such applications under the Patent Laws of any country of the world in its name and/or ours, and the sole right to have patents granted on said applications in its name and/or ours to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held by us had this assignment not been made, and to enforce said patents with our right to sue for and recover accrued profits or damages for any and all infringements thereof;

AND agree that I will communicate to said UCAR CARBON COMPANY INC., or its representatives any facts known to me respecting said invention and testify in legal proceedings, sign all lawful papers, execute all divisional, continuing, reissue and other applications, make all rightful oaths and generally do everything possible to aid said UCAR CARBON COMPANY INC., its successors, assigns, and nominees, to obtain and enforce proper protection for said invention in all countries.

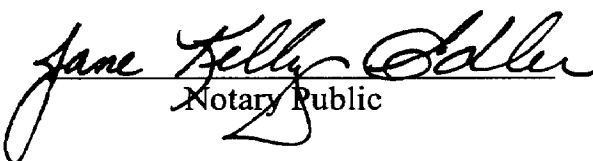
SIGNED AND SEALED at Parma this 21st day of May, 2001.



William Varela

State of Ohio)
County of Cuyahoga) ss:

This 21st day of May, 2001, before me personally came the above-named William Varela to me personally known as the individual who executed the foregoing assignment, who has acknowledged to me that he executed the same of his own free will for the purposes therein set forth.



Notary Public

(Seal)

JANE KELLY EDLER
NOTARY PUBLIC, STATE OF OHIO
Recorded in Cuyahoga County
My Comm. Expires Jan. 14, 2002