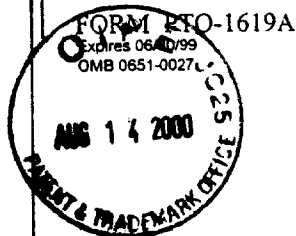


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Correspondent Name and Address

Area Code and Telephone Number

615-760-7722

Name James R. Cartiglia

Address (line 1) Graftech, Inc.

Address (line 2) 3102 West End Avenue

Address (line 3) Suite 1100

Address (line 4) Nashville, TN 37203

Pages

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Patent Application Number(s)

09/549,865

Patent Number(s)

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
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1

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Name (line 1) Michael Lee Warddrip

Execution Date
Month Day Year

7 24 00

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

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Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

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City

State/Country

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Application Number(s) or Patent Number(s)

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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)

ASSIGNMENT

We, the undersigned, ROBERT ANGELO MERCURI, citizen of the United States of America, THOMAS WILLIAM WEBER, citizen of the United States of America, and MICHAEL LEE WARDDRIP, citizen of the United States of America, residing at: 1007 East Decker Drive, Seven Hills, Ohio 44131; 6034 Brookside Drive, Cleveland, Ohio 44144; and 4914 Wellington Avenue, Parma, Ohio 44134, respectively.

HEREBY STATE UNDER OATH that we are the original, first and joint inventors of an invention for: GRAPHITE ARTICLE USEFUL AS AN ELECTRODE FOR AN ELECTROCHEMICAL FUEL CELL.

as described and/or claimed in our application for Letters Patent in the United States of America, filed April 14, 2000 and bearing Serial No. 09/549,865, (Docket No. P-1005).

NOW, THEREFORE, for one (1) dollar and other good and valuable consideration, the sufficiency of which is hereby acknowledged, we do hereby assign, transfer and sell to GRAFTECH 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 11709 Madison Ave., Lakewood, Ohio 44107, 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;

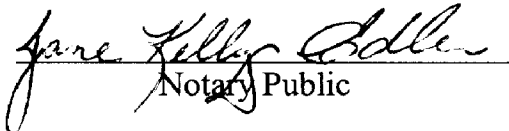
AND agree that we will communicate to said GRAFTECH INC., or its representatives any facts known to us respecting said invention and testify in legal proceedings, sign all lawful papers, execute all divisional, continuing, reissue and other applications, make all rightful oaths and generally do everything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

SIGNED AND SEALED at Parma this 17th
day of July, 2000.


Robert Angelo Mercuri

State of Ohio)
County of Cuyahoga) ss:

This 17th day of July, 2000, before me personally came the above-named Robert Angelo Mercuri 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, 2003

SIGNED AND SEALED at Parma this 24th
day of July, 2000.

Thomas W. William Weber
Thomas William Weber

State of Ohio)
) ss:
County of Cuyahoga)

This 24th day of July, 2000, before me personally came the above-named Thomas William Weber 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.

JANE KELLY EDLER
NOTARY PUBLIC, STATE OF OHIO
Resides in Cuyahoga County
My Comm. Expires Jan. 14, 2003

Jane Kelly Edler
Notary Public

(Seal)

SIGNED AND SEALED at Parma this 24th
day of July, 2000.

Michael Lee Warddrip
Michael Lee Warddrip

State of Ohio)
) ss:
County of Cuyahoga)

This 24th day of July, 2000, before me personally came the above-named Michael Lee Warddrip 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.

JANE KELLY EDLER
NOTARY PUBLIC, STATE OF OHIO
Resides in Cuyahoga County
My Comm. Expires Jan. 14, 2003

Jane Kelly Edler
Notary Public

(Seal)