

04-26-2001

Form PTO-1595



U.S. DEPARTMENT OF COMMERCE
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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
James A. Fife

2. Name and address of receiving party(ies):
Name: Cabot Corporation
Internal Address: APR - 2 APR
Street Address: Two Seaport Lane, Suite 1300

Additional name(s) of conveying party(ies) attached? No

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date(s):
November 1, 2000

City: Boston State: MA ZIP: 02210
**(Formerly of:
75 State Street
Boston, Massachusetts 02109)**
Additional name(s) & address(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 application is:
A. Patent Application No.(s)
09/533,430
Additional numbers attached? Yes No
B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Martha Ann Finnegan
Internal Address: Law Department
Street Address: Cabot Corporation
157 Concord Road
City: Billerica State MA ZIP 01821

Total Number of applications and patents involved: 1
Total fee (37 CFR 3.41): \$ 40.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit Account Number: 03-0060
 Duplicate Copy of this page is attached.

DO NOT USE THIS SPACE

9. 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.
Martha Ann Finnegan *Martha Ann Finnegan* 3/29/01
Name of Person Signing, Reg. 31,453 Signature Date
Total number of pages including cover sheet: 4

OMB No. 0651-0011
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CERTIFICATION OF MAILING (37 C.F.R. §1.8(a))
I hereby certify that, on the date shown below, this correspondence (along with any paper referred to as attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Box Assignments, Director - U.S. Patent and Trademark Office, Washington, D.C. 20231.
Marlene R. Fitch
Marlene R. Fitch
30 March 2001
Date

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PATENT
REEL: 011708 FRAME: 0696

ASSIGNMENT

We, **JONATHON L. KIMMEL**, citizen of United States of America, residing at 5008 Bluebird Circle, Audubon, Pennsylvania 19403; **RICKY W. KITCHELL**, citizen of United States of America, residing at 110 Spring View Drive Douglassville, PA 19518; and **JAMES A. FIFE**, citizen of the United States of America, residing at 1352 Inverness Court, Myrtle Beach, South Carolina 29575, respectively, having invented the subject matter described in U.S. Patent Application entitled, "**METHODS TO PARTIALLY REDUCE A NIOBIUM METAL OXIDE AND OXYGEN REDUCED NIOBIUM**," the specification of which was filed on March 23, 2000, in the United States Patent and Trademark Office, as Serial No. 09/533,430, for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, hereby sell, assign, and transfer to **Cabot Corporation**, a Delaware corporation, having a principal place of business at 75 State Street, Boston, Massachusetts 02109-1806, its successors and assigns, the entire right, title and interest in and to said application and the inventions therein set forth and described, including all priority rights ensuing from said application, and any and all Letters Patent of the United States of America and of countries foreign thereto which may be granted on or for such inventions, together with the right to apply for such Letters Patent and all rights in any applications therefor. We further sell, assign and transfer to **Cabot Corporation** all right, title, and interest in any and all corresponding divisional, renewal, substitute, and continuation applications, and all corresponding reexamination and reissue certificates.

We hereby represent and warrant that there are no rights or interests inconsistent with the rights and interests granted herein and that we will not execute any instrument or grant or transfer any rights or interests inconsistent with the rights and interest granted herein, and we, **JONATHON L. KIMMEL, RICKY W. KITCHELL, JAMES A. FIFE** bind ourselves and our respective heirs, executors, administrators and legal representatives, as the case may be, to execute and deliver to **Cabot Corporation**, its successors and assigns, any further documents or instruments and do any and all further acts that may reasonably be deemed necessary by **Cabot Corporation**, to enable **Cabot Corporation**, its successors and assigns to file applications for the invention(s) in any country where it may elect to file such applications, and that may be necessary to vest in **Cabot Corporation**, its successors and assigns, the title herein conveyed or intended so to be, and to enable such title to be recorded in the United States and foreign countries where such application or applications may be filed.

And we further covenant and agree, in consideration of the premises, that we and our respective heirs, executors, administrators and legal representatives, as the case may be, will at any time, upon request, communicate to **Cabot Corporation**, its successors and assigns, any facts relating to the invention and the improvements contained therein and the history thereof, known to us or our respective heirs, executors, administrators and legal representatives, as the case may be, and that we will testify as to the same in any interference or other litigation when requested so to do by **Cabot Corporation**, its successors and assigns.

IN TESTIMONY WHEREOF, I, **JONATHON L. KIMMEL**, have hereunto set my hand this
____ day of _____, 2000.

JONATHON L. KIMMEL

COMMONWEALTH/STATE OF)
COUNTY OF)

On this ____ day of _____, 2000, before me personally
appeared **JONATHON L. KIMMEL**, to me known and known to me to be the individual
described in and who executed the foregoing instrument, and who duly acknowledged to me
that he executed the same for the purpose therein set forth.

NOTARY PUBLIC
My Commission Expires:

IN TESTIMONY WHEREOF, I, **RICKY W. KITCHELL** have hereunto set my hand this
____ day of _____, 2000.

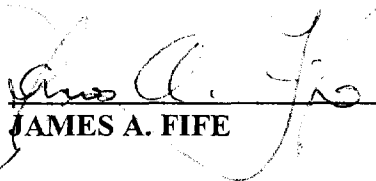
RICKY W. KITCHELL

COMMONWEALTH/STATE OF)
COUNTY OF)

On this ____ day of _____, 2000, before me personally
appeared **RICKY W. KITCHELL**, to me known and known to me to be the individual
described in and who executed the foregoing instrument, and who duly acknowledged to me
that he executed the same for the purpose therein set forth.

NOTARY PUBLIC
My Commission Expires:

IN TESTIMONY WHEREOF, I, **JAMES A. FIFE**, have hereunto set my hand this 1 day of NOVEMBER, 2000.



JAMES A. FIFE

WITNESS CLAUSE:

I, Suzanne G. Laughlan declare that I was personally present and did see **JAMES A. FIFE** duly sign and execute the above assignment on this 15th day of November 2000.

WITNESS: Suzanne G. Laughlan
Signature

Suzanne G. Laughlan
Witness Printed Name

DATE: 11/01/00

441 Forestbrook Drive
Street Address

Myrtle Beach SC 29579
City, State, Zip Code

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