

01-14-2005



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Form PTO-1595 (Rev. 09/03)
OMB No. 0651-0027 (exp. 03/30/2005)

U.S. DEPARTMENT OF COMMERCE
States Patent and Trademark Office

1-10-05

RECORD

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):
James H. Adair, Christopher J. Szepesi, Heber E. Rast, III, Mike S. H. Chu, Xiangdong Feng

Execution Date(s) 18 October and 17, 23, 29 December 2004
Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other

2. Name and address of receiving party(ies)
Name: Ferro Corporation

Internal Address: _____

Street Address: 1000 Lakeside Avenue

City: Cleveland

State: Ohio

Country: United States Zip: 44114

Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s)
10/917829
B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Kenneth A. Clark

Internal Address: _____

Rankin, Hill, Porter & Clark LLP

Street Address: _____

925 Euclid Avenue, Suite 700

City: Cleveland

State: Ohio Zip: 44115-1405

Phone Number: 216-566-9700

Fax Number: 216-566-9711

Email Address: clark@rankinhill.com

6. Total number of applications and patents involved: -1-

7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____

Authorized to be charged by credit card

Authorized to be charged to deposit account

Enclosed

None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 060625

Authorized User Name Kenneth A. Clark

9. Signature: _____
Signature

12/16/04
Date

Kenneth A. Clark
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: -5-

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

01/13/2005 6TON11 00000056 060625 10917829

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PATENT
REEL: 016142 FRAME: 0572

2. Name and address of receiving party(ies)

Name: The Penn State Research Foundation

Internal Address:

Street Address: 208 Old Main

City: University Park

State: Pennsylvania

Country: United States

Zip: 16802-7000

ASSIGNMENT

For good and valuable consideration received of the hereinafter named assignees, receipt of which is hereby acknowledged, we the undersigned, James H. Adair, Christopher J. Szepesi, Heber E. Rast, III, Mike S. H. Chu, and Xiangdong Feng, hereby sell and assign to Ferro Corporation, a corporation of the State of Ohio, having a place of business at 1000 Lakeside Avenue, Cleveland, Ohio 44114, and The Penn State Research Foundation located at 208 Old Main, University Park, Pennsylvania 16802-7000, their successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions in

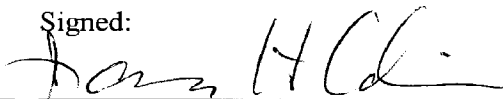
METHOD OF REMOVING SPECTATOR IONS FROM AQUEOUS SUSPENSIONS OF SOLID PARTICLES

set forth in application for United States Letters Patent filed August 13, 2004, Serial No. 10/917829 said application for United States Letters Patent, any and all other applications for Letters Patent on said inventions in countries foreign to the United States, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extension of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent; said assignees being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignees or otherwise as said assignees may deem advisable, under the International Convention or otherwise; the Commissioner of Patents of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignees in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said assignees as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignees all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said assignees, to furnish said assignees with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

Attested by:

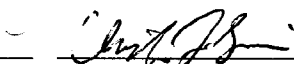
Signed:

Dated:



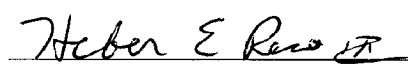
Oct 18, 2004

James H. Adair



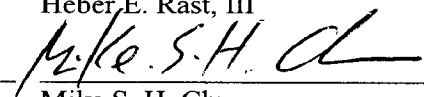
10/18/04

Christopher J. Szepesi



11/17/04

Heber E. Rast, III



11/23/04

Mike S. H. Chu



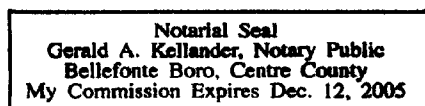
11/29/04

Xiangdong Feng

STATE OF PENNSYLVANIA

COUNTY OF CENTRE

SS.



Before me personally appeared the above-named James H. Adair, who acknowledged the execution of the foregoing instrument as his free act and deed.

October 18, 2004

Date



Notary Public

Notarial Seal
Gerald A. Kellander, Notary Public
Bellefonte Boro, Centre County
My Commission Expires Dec. 12, 2005

STATE OF PENNSYLVANIA :
: SS.
COUNTY OF CENTRE :

Before me personally appeared the above-named Christopher J. Szepesi, who acknowledged the execution of the foregoing instrument as his free act and deed.

October 18, 2004
Date

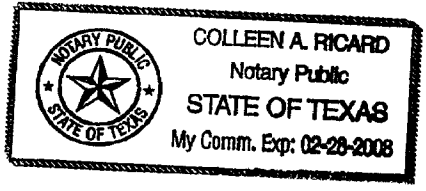
Gerald A. Kellander
Notary Public

State of Texas
~~STATE OF NEW YORK~~ :
: SS.
COUNTY OF Montgomery :

Before me personally appeared the above-named Heber E. Rast, III, who acknowledged the execution of the foregoing instrument as his free act and deed.

11-17-04
Date

Colleen A Ricard
Notary Public



STATE OF NEW YORK Yates :
COUNTY OF Niagara :
: SS.

Before me personally appeared the above-named Mike S. H. Chu, who acknowledged the execution of the foregoing instrument as his free act and deed.

11/23/04
Date

Yvette M. Leonard
Notary Public

YVETTE M. LEONARD
Notary Public, State of New York
Yates County #01LE5030895
My Commission Expires 7/25/06

STATE OF OHIO :
 : SS.
COUNTY OF CUYAHOGA :

Before me personally appeared the above-named Xiangdong Feng, who acknowledged the execution of the foregoing instrument as his free act and deed.

11/29/2004
Date

Peola Warren
Notary Public

PEOLA WARREN
NOTARY PUBLIC
STATE OF OHIO
MY COMM. EXP. 3-18-08