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10/541909

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



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103168225

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)**

Boris Y. Shekunov, Pratibhash Chattopadhyay, Jeffrey S. Seitzinger, Robert W. Huff

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

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 11 October 2005

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ 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)  
10/541909

B. Patent No.(s)

12/15/2005 MKAYPASH 00000041 060625 10541909

01 FC:8021

40.00 DA

Additional numbers attached? ☐ Yes ☒ No

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

Name: Kenneth A. Clark

Internal Address: \_\_\_\_\_

Street Address: Rankin, Hill, Porter & Clark LLP

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: one**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40**

- ☐ 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

Date

Kenneth A. Clark

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: -3-

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

# ASSIGNMENT

For good and valuable consideration received of the hereinafter named assignee, receipt of which is hereby acknowledged, we the undersigned, Boris Y. Shekunov, Pratibhash Chattopadhyay, Jeffrey S. Seitzinger and Robert W. Huff, 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, its 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 AND APPARATUS FOR ENHANCED SIZE REDUCTION OF PARTICLES**

set forth in application for United States Letters Patent filed July 8, 2005, Serial No. 10/541909 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 assignee 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 assignee or otherwise as said assignee 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 assignee 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 assignee 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 assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said assignee, to furnish said assignee 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:

X

Boris Y. Shekunov

X

Pratibhash Chattopadhyay

X

Jeffrey S. Seitzinger

X

Robert W. Huff

STATE OF OHIO

COUNTY OF CUYAHOGA

SS.

Before me personally appeared the above-named Boris Y. Shekunov who acknowledged the execution of the foregoing instrument as his free act and deed.

Date

Notary Public

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

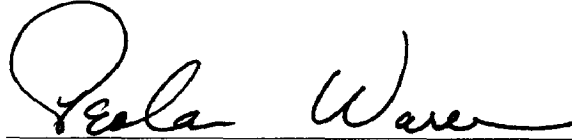
PATENT  
REEL: 017505 FRAME: 0409

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

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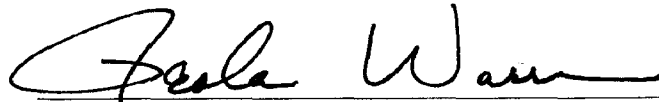
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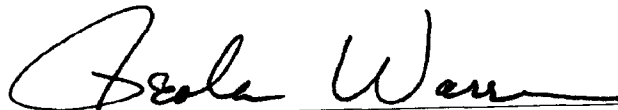
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