

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Walter J. Symes Jr.	04/13/2010
Mike S. H. Chu	04/23/2010
RECEIVING PARTY DATA	
Name:	Ferro Corporation
Street Address:	1000 Lakeside Avenue
City:	Cleveland
State/Country:	OHIO
Postal Code:	44114
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12681113
CORRESPONDENCE DATA	
Fax Number:	(216)566-9711
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	440-953-3210
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Correspondent Name:	Kenneth A. Clark
Address Line 1:	23755 Lorain Road, Suite 200
Address Line 4:	North Olmsted, OHIO 44070
ATTORNEY DOCKET NUMBER:	FER-17628.001.001
NAME OF SUBMITTER:	Kenneth A. Clark
Total Attachments: 2 source=fer17628assign#page1.tif source=fer17628assign#page2.tif	

CH \$40.00 12681113

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PATENT
REEL: 024310 FRAME: 0351

Assignment

For good and valuable consideration received of the hereinafter named assignees, receipt of which is hereby acknowledged, we the undersigned, Walter J. Symes, Jr. and Mike S. H. Chu, 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, U.S.A., 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

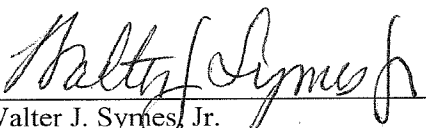
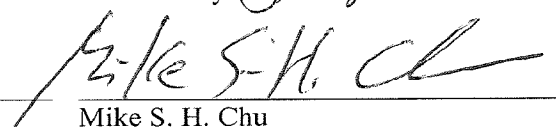
LEAD AND CADMIUM FREE, LOW TEMPERATURE FIRED X7R DIELECTRIC CERAMIC COMPOSITION AND METHOD OF MAKING

set forth in application for United States Letters Patent filed 1 April 2010, Serial No. 12/681113, 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 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:

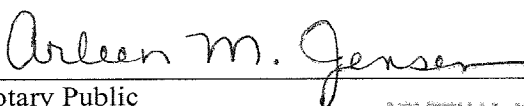
Date:

 _____ Walter J. Symes, Jr.	 _____ Mike S. H. Chu	4/13/10 4/23/10
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State of New York :
County of YATES : SS.

Before me personally appeared the above named Walter J. Symes, Jr. who acknowledged the execution of the foregoing instrument as his free act and deed.

4/13/10
Date



Notary Public

ARLEEN M. JENSEN
Notary Public No. 0417501436
Yates County, New York

PATENT
REEL: 024310 FRAME: 0352

State of New York :
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.

Date 4/28/10

Ravinderjit K Singh
Notary Public

RAVINDERJIT K. SINGH
No. 01SI6205395
Notary Public, State of New York
Qualified in Niagara County
My Commission Expires May 11, 2013