

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3122244

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BEN E. CRUZ	06/14/2010
GEORGE E. GRADDY, JR.	06/14/2010
AZIZ S. SHAIKH	06/14/2010
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:	12682040
CORRESPONDENCE DATA	
Fax Number:	(202)772-5858
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	202-772-5800
Email:	mlewis@blankrome.com
Correspondent Name:	BLANK ROME LLP
Address Line 1:	600 NEW HAMPSHIRE AVENUE, N.W.
Address Line 4:	WASHINGTON, D.C. 20037
ATTORNEY DOCKET NUMBER:	136617.04205
NAME OF SUBMITTER:	JAMIE L. BERTHA
SIGNATURE:	/Jamie L. Bertha/
DATE SIGNED:	11/25/2014
Total Attachments: 2	
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source=Assignment#page2.tif	

ASSIGNMENT

For good and valuable consideration received of the hereinafter named assignee, receipt of which is hereby acknowledged, we the undersigned, Ben E. Cruz, George E. Graddy, Jr., Aziz S. Shaikh and Jalal Salami, 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

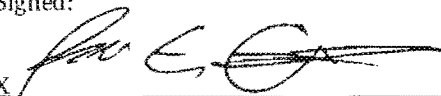
Dielectric Coating For Single Sided Back Contact Solar Cells

set forth in application for United States Letters Patent filed 8 April 2010, Serial No. 12/682040 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.

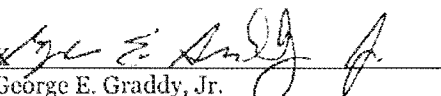
Attested by:

Signed:

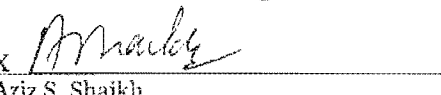
Dated:

X 
Ben E. Cruz

6/14/10

X 
George E. Graddy, Jr.

6/14/10

X 
Aziz S. Shaikh

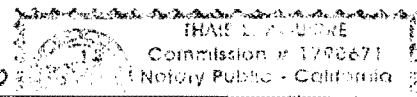
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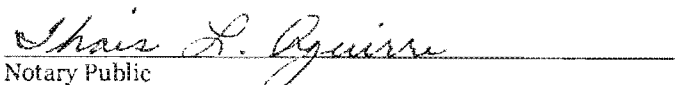
X
Jalal Salami

STATE OF CALIFORNIA :
: COUNTY OF San Diego :

SS.

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

6/14/2010 
Date


Notary Public

STATE OF CALIFORNIA :
COUNTY OF San Diego : SS.

Before me personally appeared the above-named George E. Graddy, Jr. who acknowledged the execution of the foregoing instrument as his free act and deed.

6/14/2010
Date

Thais L. Aguirre
Notary Public

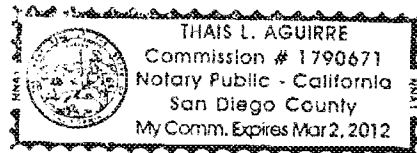


STATE OF CALIFORNIA :
COUNTY OF San Diego : SS.

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

6/14/2010
Date

Thais L. Aguirre
Notary Public



STATE OF CALIFORNIA :
COUNTY OF _____ : SS.

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

Date

Notary Public