

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Katsuhiko Kemmochi	07/25/2011
Larry Baer	07/25/2011
Carl Hagstrom	07/25/2011
RECEIVING PARTY DATA	
Name:	Heraeus Shin-Etsu America, Inc.
Street Address:	4600 NW Pacific Rim Blvd.
City:	Camas
State/Country:	WASHINGTON
Postal Code:	98607
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13189897
CORRESPONDENCE DATA	
Fax Number: (503)274-4622 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: (503) 222-3613 Email: docketing@techlaw.com Correspondent Name: Alan T. McCollom Address Line 1: Marger Johnson & McCollom Address Line 2: 210 SW Morrison Street, Suite 400 Address Line 4: Portland, OREGON 97204	
ATTORNEY DOCKET NUMBER:	4666-0053
NAME OF SUBMITTER:	Suzan Lindstrom
Total Attachments: 2 source=4666-0053_Assignment_signed#page1.tif source=4666-0053_Assignment_signed#page2.tif	

OP \$40.00 13189897

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PATENT
REEL: 026752 FRAME: 0188

ASSIGNMENT

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Assignee: Heraeus Shin-Etsu America, Inc.
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**Title of
Invention:** **METAL AND GRAPHITE MOLD AND METHOD OF
MAKING A CRUCIBLE**

U.S. Patent Application:

Application Serial No.: Not yet assigned

Filing Date: Filed Herewith

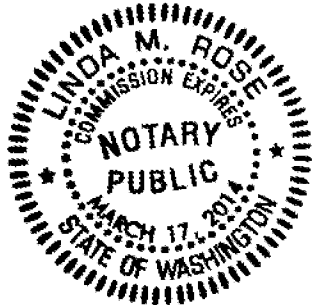
For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues, non-provisionals and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and

assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, non-provisional and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such information is added.

Executed at CAMAS, Washington, this 25th day of July, 2011.

Assignor:

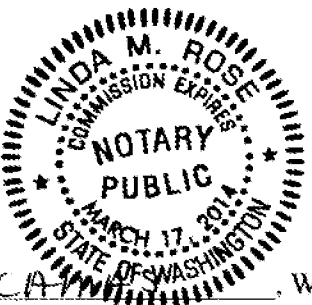


K. Kemmochi

Katsuhiko Kemmochi

Executed at CAMAS, Washington, this 25th day of July, 2011.

Assignor:

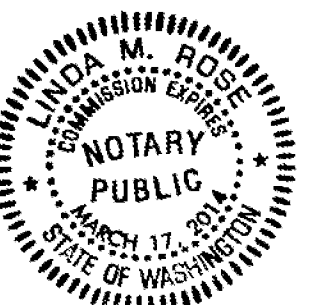


Larry Baer

Larry Baer

Executed at CAMAS, Washington, this 25th day of July, 2011.

Assignor:



Carl Hagstrom

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