PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------------|----------------|
| Vesuvius Crucible Company | 06/13/2007 |

RECEIVING PARTY DATA

| Name: | Refractory Intellectual Property GmbH & Co. KG | |
|-----------------|--|--|
| Street Address: | Wienerbergstrasse 11 | |
| City: | Wien | |
| State/Country: | AUSTRIA | |
| Postal Code: | A-1100 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 10585165 |

CORRESPONDENCE DATA

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|-------------------------|-------------------------|
| NAME OF SUBMITTER: | Christopher L. Parmelee |

Total Attachments: 1

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PATENT REEL: 019636 FRAME: 0609

ASSIGNMENT

We, Vesuvius Crucible Company, 103 Foulk Road, Wilmington, Delaware 19803, own U.S. Patent Application No. 10/585,165 "Fusion-cast refractory with high electrical resistivity".

Refractory Intellectual Property GmbH & Co. KG, Wienerbergstraße 11, A-1100 Wien, Austria, desires to acquire the total right, title and interest of the above-identified patent application.

In consideration of the foregoing and for other good and valuable consideration, receipt of which is hereby acknowledged, we, Vesuvius Crucible Company, assign to Refractory Intellectual Property GmbH & Co. KG, all the right, title and interest in and to the above-identified patent application, together with the goodwill of the business in connection with which the patent application is and was used.

Vesuvius Crucible Company

Date: 13 June 2007

PATENT REEL: 019636 FRAME: 0610

RECORDED: 08/02/2007