

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Mr. Gilbert Rancoule	10/11/2007
RECEIVING PARTY DATA	
Name:	Vesuvius Crucible Company
Street Address:	103 Foulk Road
City:	Wilmington
State/Country:	DELAWARE
Postal Code:	19803
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11994151
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ATTORNEY DOCKET NUMBER:	1504 US
NAME OF SUBMITTER:	Thomas Clinton
Total Attachments: 2 source=1504_Inventor_Assignment#page1.tif source=1504_Inventor_Assignment#page2.tif	

CH \$40.00 11994151

INVENTION/PATENT APPLICATION ASSIGNMENT  
FROM INVENTOR(S) TO COMPANY

WE:

- RANCOULE Gilbert, of 12 Rue de Picardie, F-59700 MARCQ EN BAROEUL, France.

have made a certain new and useful invention as set forth in an application for United States Patent Application filed herewith, entitled:

CRUCIBLE FOR THE CRYSTALLIZATION OF SILICON

Vesuvius Crucible Company ("Vesuvius"), a corporation of Delaware, USA, having an address at 103 Foulk Road, Wilmington, DE 19803, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any and all Letters Patent of the United States and foreign countries that may be obtained therefor;

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto Vesuvius, its legal representatives, successors, and assigns, the entire right, title and interest in and to the invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries that may be issued for the invention;


We will not execute any writing or do any act whatsoever conflicting with these presents, and We will, at any time upon request, without further or additional consideration but at the expense of Vesuvius, execute such additional assignments and other writings and do such additional acts as Vesuvius may deem necessary or desirable to perfect its enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on the invention,

and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of Vesuvius and its assigns.

We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States that may be issued for the invention to Vesuvius, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to the patent and the invention covered thereby.



Gilbert RANCOULE



Date



Date