

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Juergen Kielwein	09/26/2011
Bart Scholte Von Mast	09/26/2011
Rogier Lodder	09/26/2011
RECEIVING PARTY DATA	
Name:	OC Oerlikon Balzers AG
Street Address:	Iramali 18
City:	Balzers
State/Country:	LIECHTENSTEIN
Postal Code:	9496
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13220903
CORRESPONDENCE DATA	
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Correspondent Name:	Pearne & Gordon LLP
Address Line 1:	1801 East 9th Street
Address Line 2:	Suite 1200
Address Line 4:	Cleveland, OHIO 44114-3108
ATTORNEY DOCKET NUMBER:	TSW-48460
NAME OF SUBMITTER:	Michael W. Garvey
Total Attachments: 2 source=TSW-48460-Assignment-EXE#page1.tif source=TSW-48460-Assignment-EXE#page2.tif	

CH \$40.00 13220903

ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

WAFER HOLDER AND TEMPERATURE CONDITIONING ARRANGEMENT AND METHOD OF MANUFACTURING A WAFER

for which an application for Letters Patent of the United States was filed on August 30, 2011, which application is identified by Serial No. 13/220,903 (Pearne & Gordon LLP Docket No. TSW-48460).

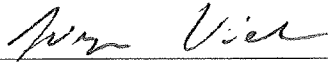
WHEREAS, OC Oerlikon Balzers AG, having a place of business at Iramali 18, 9496 Balzers, Principality of Liechtenstein, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventors' certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns by the undersigned; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grant the firm of Pearne & Gordon LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

(1) Inventor Name: Juergen Kielwein

Signature: 

Today's Date: 26.09.11

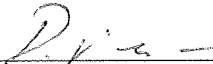
Witness: 

Witness: 

(2) Inventor Name: Bart Scholte Van Mast

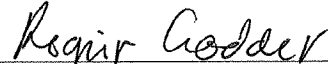
Signature: 

Today's Date: 26.9.2011

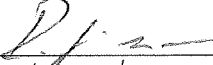
Witness: 

Witness: 

(3) Inventor Name: Rogier Lodder

Signature: 

Today's Date: 26-9-2011

Witness: 

Witness: 