

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																				
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT																				
EFFECTIVE DATE:	12/20/1991																				
CONVEYING PARTY DATA																					
<table border="1"><tr><td>Name</td><td>Execution Date</td></tr><tr><td>OC Oerlikon Balzers AG</td><td>03/17/2010</td></tr></table>		Name	Execution Date	OC Oerlikon Balzers AG	03/17/2010																
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RECEIVING PARTY DATA																					
<table border="1"><tr><td>Name:</td><td>Oerlikon Trading AG, Trubbach</td></tr><tr><td>Street Address:</td><td>Hauptstrasse</td></tr><tr><td>City:</td><td>Trubbach</td></tr><tr><td>State/Country:</td><td>SWITZERLAND</td></tr><tr><td>Postal Code:</td><td>9477</td></tr></table>		Name:	Oerlikon Trading AG, Trubbach	Street Address:	Hauptstrasse	City:	Trubbach	State/Country:	SWITZERLAND	Postal Code:	9477										
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CORRESPONDENCE DATA																					
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PATENT
REEL: 024140 FRAME: 0282

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Address Line 4:	Cleveland, OHIO 44114

ATTORNEY DOCKET NUMBER:	UNAX1-J2727
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NAME OF SUBMITTER:	Michael W. Garvey
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Total Attachments: 3

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NUNC PRO TUNC

THIS ASSIGNMENT is made this 17 day of March, 2010, and effective as of December 20, 1991.

Between:

OC Oerlikon Balzers AG (formerly known as Balzers AG), a corporation, and having a place of business at Iramali 18, P.O. Box 1000, LI-9496 Balzers, Liechtenstein (hereinafter called the Assignor) and

Oerlikon Trading AG, Trübbach, a corporation, and having a place of business at Hauptstrasse, CH-9477 Trübbach, Switzerland (hereinafter called the Assignee)

WHEREAS, the Assignor is the owner of patents and patent applications, short particulars of which are set out in Schedule A attached hereto.

WHEREAS, Assignee is desirous of acquiring all the rights in and to the patents.

WHEREAS, good and valuable consideration has been exchanged between the Assignor and the Assignee and the consideration was sufficient.

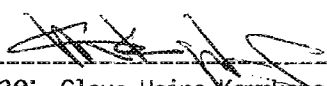
NOW, THEREFORE, be it known that, for the valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Assignor does hereby:

1- Assign to the Assignee, its successor and assigns, all property, right, title and interest to the patents *nunc pro tunc* effective as of December 20, 1991 and including the right to sue for damages and other remedies in respect of any infringement which may have occurred prior to the date hereof.


2 - Covenant to execute all documents, forms and authorizations and depose to or swear any declaration or oath as may reasonably be required for absolutely vesting full right, title and interest in the patents in favor of the Assignee.


IN WITNESS WHEREOF this Assignment has been executed by or on behalf
of the parties hereto on the date first written above.

Signed for and on behalf of OC Oerlikon Balzers AG


Name: Claus Heine-Kempkens
Title: Head of Patents Oerlikon
Coating


Jörg Baur
Senior Patent Counsel


Witness Nihan Yavaser


Witness Katja Gätzi

SCHEDULE A

Patents

<u>Patent Number</u>	<u>Title</u>
5,215,640	METHOD AND ARRANGEMENT FOR STABILIZING AN ARC BETWEEN AN ANODE AND A CATHODE PARTICULARLY FOR VACUUM COATING DEVICES
5,246,787	TOOL OR INSTRUMENT WITH A WEAR-RESISTANT HARD COATING FOR WORKING OR PROCESSING ORGANIC MATERIALS
5,192,578	METHOD OF PRODUCING COATING USING NEGATIVE DC PULSES WITH SPECIFIED DUTY FACTOR
5,554,255	METHOD OF AN APPARATUS FOR A DIRECT VOLTAGE ARC DISCHARGE ENHANCED REACTIVE TREATMENT OF OBJECTS
5,250,779	METHOD AND APPARATUS FOR HEATING-UP A SUBSTRATE BY MEANS OF A LOW VOLTAGE ARC DISCHARGE AND VARIABLE MAGNETIC FIELD
5,229,570	METHOD OF AN APPARATUS FOR A CENTERING OF AN ELECTRON BEAM
5,208,102	COATED HIGHLY WEAR-RESISTANT TOOL AND PHYSICAL COATING PROCESS THEREFOR
5,310,607	HARD COATING; A WORKPIECE COATED BY SUCH HARD COATING AND A METHOD OF COATING SUCH WORKPIECE BY SUCH HARD COATING
5,447,804	HARD COATING; A WORKPIECE COATED BY SUCH HARD COATING AND A METHOD OF COATING SUCH WORKPIECE BY SUCH HARD COATING

PATENT

RECORDED: 03/26/2010

REEL: 024140 FRAME: 0286