

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Juergen Ramm</td> <td>05/26/2010</td> </tr> <tr> <td>Beno Widrig</td> <td>05/26/2010</td> </tr> <tr> <td>Denis Kurapov</td> <td>05/26/2010</td> </tr> </tbody> </table>		Name	Execution Date	Juergen Ramm	05/26/2010	Beno Widrig	05/26/2010	Denis Kurapov	05/26/2010		
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">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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Application Number:	12740456										
CORRESPONDENCE DATA											
<p>Fax Number: (216)579-6073 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 216-579-1700</p> <p>Email: lfluhr@pearne.com</p> <p>Correspondent Name: PEARNE & GORDON LLP</p> <p>Address Line 1: 1801 EAST 9TH STREET</p> <p>Address Line 2: SUITE 1200</p> <p>Address Line 4: CLEVELAND, OHIO 44114-3108</p>											
ATTORNEY DOCKET NUMBER:	TSW-46596										
NAME OF SUBMITTER:	Michael W. Garvey										
<p>Total Attachments: 2 source=TSW-46596-ASSIGNExe#page1.tif</p>											

CH \$40.00 12740456

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PATENT
REEL: 024567 FRAME: 0321

ASSIGNMENT

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

METHOD FOR MANUFACTURING A TREATED SURFACE AND VACUUM PLASMA SOURCES

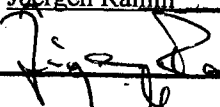
for which an application for Letters Patent of the United States was filed on April 29, 2010, which application is identified by Serial No. 12/740,456 (Pearne & Gordon LLP Docket No. TSW-46596).

WHEREAS, Oerlikon Trading AG, Trübbach, having a place of business at Hauptstrasse, CH-9477 Trübbach, Switzerland, 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.

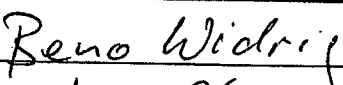
The undersigned hereby grant the firm of Pearne & Gordon LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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

(1) Inventor Name: Juergen Ramm
Signature: 
Today's Date: May 26, 2010

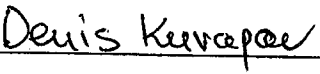
Witness: Nihan Corakci

Witness: K. Gatzki

(2) Inventor Name: Beno Widrig
Signature: 
Today's Date: May 26, 2010

Witness: Nihan Corakci

Witness: K. Gatzki

(3) Inventor Name: Denis Kurapov
Signature: 
Today's Date: May 26, 2010

Witness: Nihan Corakci

Witness: K. Gatzki