

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Siegfried Krassnitzer</td> <td>01/22/2013</td> </tr> <tr> <td>Juerg Hagmann</td> <td>01/22/2013</td> </tr> </tbody> </table>		Name	Execution Date	Siegfried Krassnitzer	01/22/2013	Juerg Hagmann	01/22/2013
Name	Execution Date						
Siegfried Krassnitzer	01/22/2013						
Juerg Hagmann	01/22/2013						
RECEIVING PARTY DATA							
Name:	Oerlikon Trading AG, Trubbach						
Street Address:	Hauptstrasse						
City:	Trubbach						
State/Country:	SWITZERLAND						
Postal Code:	9477						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13805730</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13805730		
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Application Number:	13805730						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	KEMP-46929US1						
NAME OF SUBMITTER:	Michael W. Garvey						
Total Attachments: 2 source=KEMP-46929US1-Assignment#page1.tif source=KEMP-46929US1-Assignment#page2.tif							

CH \$40.00 13805730

ASSIGNMENT

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

ARC DEPOSITION SOURCE HAVING A DEFINED ELECTRIC FIELD

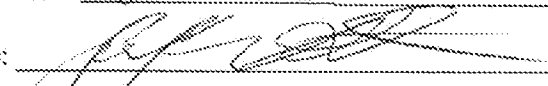
for which an application for Letters Patent of the United States was filed on December 20, 2012, which application is identified by Serial No. 13/805,730 (Pearne & Gordon LLP Docket No. KEMP-46929US1).

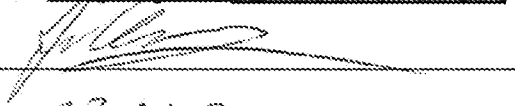
WHEREAS, Oerlikon Trading AG, Trübbach, having a place of business at Hauptstrasse, CH-9477 Trübbach, Switzerland, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

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: Siegfried Krassnitzer
Signature: 
Today's Date: 22.1.13
Witness: Nihan Corakci
Witness: F. Gazi

(2) Inventor Name: Juerg Hargmann
Signature: 
Today's Date: 22.01.2013
Witness: Nihan Corakci
Witness: F. Gazi