

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>ROLF BRUECK</td><td>10/09/2003</td></tr><tr><td>JOERG ZIMMERMANN</td><td>10/15/2003</td></tr></tbody></table>	Name	Execution Date	ROLF BRUECK	10/09/2003	JOERG ZIMMERMANN	10/15/2003	
Name	Execution Date						
ROLF BRUECK	10/09/2003						
JOERG ZIMMERMANN	10/15/2003						
RECEIVING PARTY DATA							
Name:	EMITEC GESELLSCHAFT FUER EMISSIONSTECHNOLOGIE MBH						
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State/Country:	GERMANY						
Postal Code:	53797						
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>10680380</td></tr></tbody></table>	Property Type	Number	Application Number:	10680380			
Property Type	Number						
Application Number:	10680380						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	RALPH E. LOCHER						
Total Attachments: 1 source=E-80046#page1.tif							

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PATENT
REEL: 019607 FRAME: 0035

Docket No.: E-80046

ASSIGNMENT

WHEREAS WE, ROLF BRÜCK and JÖRG ZIMMERMANN, residing respectively at BERGISCH GLADBACH and BAD MÜNSTEREIFEL, Germany, have invented certain new and useful improvements in a

PROCESS FOR PRODUCING A ONE-PIECE, STRUCTURED METAL FOIL HAVING A HOLE, METAL FOIL AND HONEYCOMB BODY

for which an application for Letters Patent of the United States of America was executed on the date of execution of this assignment;

WHEREAS, EMITEC GESELLSCHAFT FÜR EMISSIONSTECHNOLOGIE MBH, a German limited liability company doing business at Lohmar, Germany, is desirous of acquiring the entire interest in said invention, and in any and all Letters Patent of the United States that may be obtained therefor;

NOW, THEREFORE, be it known that for and in consideration of our employment by the said company and other valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said company, its legal representatives, successors and assigns, the full and exclusive right to the said invention as fully set forth and described in the above-mentioned application, and to said application and any and all divisions and continuations thereof, and any and all Letters Patent of the United States which may be granted therefor, and any and all reissues of said Letters Patent, the same to be held and enjoyed by the said company, its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted or may be reissued or extended, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

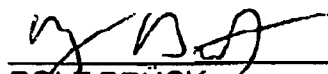
AND WE hereby authorize the Commissioner for Patents to issue any and all Letters Patent of the United States on said invention or resulting from said Application and from any and all divisions and continuations thereof to the said company as the assignee of the entire right, title and interest in and to the same.

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals.

In the presence of:


Witness Peulen


Witness Nettekoven


ROLF BRÜCK (LS)

Date: 10.09.2003


JÖRG ZIMMERMANN (LS)

Date: 10.15.2003