

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| 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>Jan Kramer</td><td>08/22/2007</td></tr><tr><td>Ferdi Kurth</td><td>08/06/2007</td></tr><tr><td>Udo Schmidt</td><td>08/09/2007</td></tr><tr><td>Hans-Guenter Faust</td><td>08/13/2007</td></tr><tr><td>Ludwig Wieres</td><td>08/03/2007</td></tr></tbody></table> | Name | Execution Date | Jan Kramer | 08/22/2007 | Ferdi Kurth | 08/06/2007 | Udo Schmidt | 08/09/2007 | Hans-Guenter Faust | 08/13/2007 | Ludwig Wieres | 08/03/2007 | |
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| Jan Kramer | 08/22/2007 | | | | | | | | | | | | |
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| Hans-Guenter Faust | 08/13/2007 | | | | | | | | | | | | |
| Ludwig Wieres | 08/03/2007 | | | | | | | | | | | | |
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| 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>11845799</td></tr></tbody></table> | Property Type | Number | Application Number: | 11845799 | | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Application Number: | 11845799 | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | |
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| NAME OF SUBMITTER: | Ralph E. Locher | | | | | | | | | | | | |

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PATENT
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Total Attachments: 2
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ASSIGNMENT

WHEREAS WE, JAN KRAMER, FERDI KURTH, UDO SCHMIDT, HANS-GÜNTER FAUST and LUDWIG WIERES, residing respectively at Macomb, Michigan, Mechernich, Germany, Neunkirchen, Germany, Köln, Germany and Overath, Germany, have invented certain new and useful improvements in a

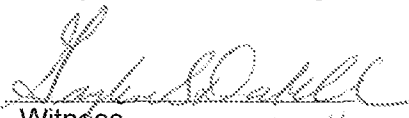



HONEYCOMB BODY WITH FISSURED END SIDES

described in International Application No. PCT/EP2006/001670 and 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 limited liability 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 limited liability 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 limited liability 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 limited liability company as the assignee of the entire right, title and interest in and to the same.

| | | | |
|---|--|--------|-------------------------|
|  Witness Gaylene S. Dabell |  JAN KRAMER | (L.S.) | <u>08/22/07</u> Date |
|  Witness ELKE BONGARTZ |  FERDI KURTH | (L.S.) | <u>08/06/07</u> Date |

Kochhörnig
Witness
KERSTIN KÖNIG

U. Schmidt
UDO SCHMIDT

(L.S.)

08/03/07
Date

Julia Kottmann
Witness

Hans-Günter Faust
HANS-GÜNTER FAUST

(L.S.)

08/03/07
Date

Elke Bonartz
Witness
ELKE BONARTZ

L. Wieres
LUDWIG WIERES

(L.S.)

08/03/07
Date