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OMB No. 0651-0027 (exp. 5/31/2002)

J.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

<p>1. Name of conveying party(ies): Hartmut MEYER 07/08/2003 Thomas STAAK 07/09/2003 Archibald WALLACE 07/12/2003 Helmut WALLIS 07/12/2003</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies) Name: <u>Claudius Peters Technologies GmbH</u> Internal Address: _____ Street Address: _____ Schanzenstrasse 40</p> <p>City: <u>Buxtehude</u> Country: <u>Germany</u> Zip: <u>21614</u></p> <p>Additional name(s) & address(es) attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: _____ See above</p>	<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: _____</p> <p>A. Patent Application No.(s): <u>10/459,709</u></p> <p>B. Patent No.(s): _____</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>

<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Barry E. Bretschneider</u> <u>MORRISON & FOERSTER LLP</u> Internal Address: <u>Atty. Dkt.: 246472004800</u> Street Address: <u>1650 Tysons Blvd, Suite 300</u></p> <p>City: <u>McLean</u> State: <u>VA</u> Zip: <u>22102</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Authorized to be charged to credit card (Form 2038 enclosed)</p> <p>8. Deposit account number: <u>03-1952</u> (Attach duplicate copy of this page if paying by deposit account)</p>
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9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Barry E. Bretschneider - 28,055 [Signature] October 14, 2003
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 3

I hereby certify that this correspondence is being hand delivered to: Commissioner for Patents, 2011 South Clark Place, Room 1B03, Crystal Plaza 2, Arlington, Virginia, 22202, on the date shown below.

Dated: October 14, 2003 Signature: [Signature] (Jeff McCuller)

VA-46938

10/24/2003 L'HELLER 00000204 031952 10459709

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ASSIGNMENT

Whereas, I 1) Hartmut Meyer, a subject of Germany
 2) Thomas Staak, a subject of Germany
 3) Archibald Wallace, a subject of ~~Germany~~ Great Britain
 4) Helmut Wallis, a subject of Germany

of 1) Dresdner Straße 26, 21614 Buxtehude / Germany
 2) Rehmkoppel 23a, 22391 Hamburg / Germany
 3) Hahnemann Straße 6, 20249 Hamburg / Germany
 4) Waldenburger Ring 4a, 24558 Henstedt-Ulzburg /Germany

have invented certain new and useful improvements in

Method and apparatus for treating a layer of bulk material

for which application for Letters Patent in the United States of America

is about to be made;
 has been made.

And whereas, Claudius Peters Technologies GmbH
of Schanzenstraße 40, 21614 Buxtehude / Germany

is/are desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor;

NOW THEREFORE, be it known by all whom it may concern, that for good and valuable consideration (the sufficiency of which is hereby acknowledged) I/we have assigned, transferred and set over, and by these presents do assign, transfer and set over unto the said

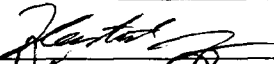
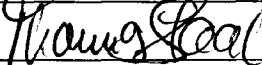
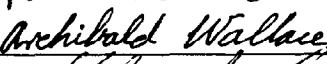
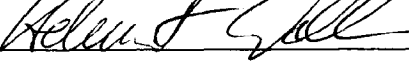
Claudius Peters Technologies GmbH

for the territory of the United States of America, and not elsewhere; the full and exclusive right, title, and interest in and to the said invention, as fully set forth and described in the specification

prepared and executed by me on
filed in the U.S. Patent Office under
Serial No.
on **June 12, 2003**

preparatory to obtaining Letters Patent therefor; said invention application and Letters Patent to be held and enjoyed by the said Claudius Peters Technologies GmbH to the full end of the term for which said Letters Patent are granted as fully and entirely as the same would have been held by me/us had this assignment and transfer not been made.

In testimony whereof, I/we have hereunto set my/our hands on and as of the date set forth below.

INVENTORS	SIGNATURE	DATE
Hartmut Meyer		July 8 th , 2003
Thomas Staak		July 9 th , 2003
Archibald Wallace		July, 12 th , 2003
Helmut Wallis		July 12, 2003