

RE

07-23-2007

ET

Our Ref.: BHD-4662-544



103429276

To the Director of the U.S. Patent and Trademark Office. Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): 1 Jozef Hubert MEESSEN 2 Axel ERBEN 3 John KRIJGSMAN 4 Winfried LIEBIG</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: June 26, 2007; June 21, 2007; June 11, 2007; June 21, 2007</p>	<p>2. Name and address of receiving party(ies):</p> <p>1) Name: DSM IP Assets B.V. Street Address: Het Overloon 1 City: TE HEERLEN State/Country: The Netherlands Zip: 6411</p> <p>2) Name Uhde Gmbh Street Address: Friedrich-Uhde-Strasse 15 City: Dortmund State: Germany Zip: 44141</p> <p>Additional name/s &amp; address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
--	---

<p>4. Application number(s) or patent number(s): <input type="checkbox"/> This assignment is being filed together with a new application.</p> <p>A. Patent Application No(s): (1) 11/792,285 (2) (3)</p> <p>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>B. Patent No(s). (1) (2) (3)</p> <p>11/792285</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Bryan H. Davidson</p> <p>Internal Address:</p> <p>Street Address: Nixon &amp; Vanderhye P.C. 901 North Glebe Road 11th Floor</p> <p>City: Arlington State: VA Zip: 22203</p>	<p>6. Total number of applications &amp; patents involved: 1</p> <p>7. Total fee (37 CFR 3.41) \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.</p>

DO NOT USE THIS SPACE

9. Statements 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.

Bryan H. Davidson Name of Person Signing Reg. No. 30,251	 Signature	July 11, 2007 Date
--	---------------	-----------------------

Total number of pages including original cover sheet, attachments, and document: [4]

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

**ASSIGNMENT OF U.S. PATENT APPLICATION**

(Inventors) MEESSEN, Jozef Hubert  
ERBEN, Axel  
KRIJGSMAN, John  
LIEBIG Winfried

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee)  
 (Address) DSM IP Assets B.V., Het Overloot 1, 6411 TE HEERLEN, The NETHERLANDS  
Uhde GmbH, Friedrich-Uhde-Strasse 15, 44141 Dortmund, Germany

(Title) (hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as PROCESS FOR THE REMOVAL OF AMMONIA FROM AN AMMONIA-CONTAINING GAS STREAM  
for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on  
11/792,285 on or has already filed U.S. appln. Serial No.  
The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.


The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. 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 Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature

Date	<u>26-6-2007</u>	Signature of inventor
Date	_____	Signature of inventor
Date	_____	Signature of inventor
Date	_____	Signature of inventor
Date	_____	Signature of inventor
Date	_____	Signature of inventor

  
 \_\_\_\_\_  
 MEESSEN, Jozef Hubert

\_\_\_\_\_  
 ERBEN, Axel

\_\_\_\_\_  
 KRIJGSMAN, John

\_\_\_\_\_  
 LIEBIG, Winfried

## ASSIGNMENT OF U.S. PATENT APPLICATION

(Inventors) MEESSEN, Jozef Hubert  
ERBEN, Axel  
KRIJGSMAN, John  
LIEBIG Winfried

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee)  
 (Address) DSM IP Assets B.V., Het Overloon 1, 6411 TE HEERLEN, The NETHERLANDS  
Uhde GmbH, Friedrich-Uhde-Strasse 15, 44141 Dortmund, Germany

(Title) (hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as PROCESS FOR THE REMOVAL OF AMMONIA FROM AN AMMONIA-CONTAINING GAS STREAM  
for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on  
11/792,285 or has already filed U.S. appln. Serial No.  
on  
The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. 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 Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature

Date _____	Signature of inventor
Date <u>21/06/07</u>	Signature of inventor
Date _____	Signature of inventor
Date <u>21.06.2007</u>	Signature of inventor
Date _____	Signature of inventor
Date _____	Signature of inventor

MEESSEN, Jozef Hubert
ERBEN, Axel
KRIJGSMAN, John
LIEBIG, Winfried

PATENT

REEL: 019642 FRAME: 0196

## ASSIGNMENT OF U.S. PATENT APPLICATION

(Inventors) MEESEN, Jozef Hubert  
ERBEN, Axel  
KRIJGSMAN, John  
LIEBIG Winfried

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee)  
 (Address) DSM IP Assets B.V., Het Overloon 1, 6411 TE HEERLEN, The NETHERLANDS  
Uhde GmbH, Friedrich-Uhde-Strasse 15, 44141 Dortmund, Germany

(Title) (hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as PROCESS FOR THE REMOVAL OF AMMONIA FROM AN AMMONIA-CONTAINING GAS STREAM

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on \_\_\_\_\_ or has already filed U.S. appln. Serial No.

11/792,285 on \_\_\_\_\_  
 The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. 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 Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature

Date _____	Signature of inventor
Date _____	Signature of inventor
Date <u>11-06-2007</u>	Signature of inventor
Date _____	Signature of inventor
Date _____	Signature of inventor
Date _____	Signature of inventor

MEESEN, Jozef Hubert

ERBEN, Axel

KRIJGSMAN, John

LIEBIG, Winfried

PATENT