

01-05-2007



103357281

FORM PTO-1595
(Rev. 3-01)
OMB No. 0651-0027 (exp.

ION FORM SHEET COVER
PATENTS ONLY

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

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

1. Name of conveying party(ies):

Mark W. Pilling

Additional name(s) of conveying party(ies) attached:

☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security/Agreement ☐ Change of Name
☐ Other _____

Execution Date: 12/14/06

2. Name and address of receiving party(ies):

Name. Sulzer Chemtech AG

Internal Address: Winterthur

Street Address:

Country: Switzerland

Additional name(s) & address(es) attached: ☐ Yes ☒ No

112919 U.S.PTO
11/644386

122106

4. Application number(s) or patent number(s): _____

If this document is being filed together with a new application, the execution date of the application is: 12/14/06

A. Patent Application No.(s)
Filed

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Francis C. Hand, Esq.

Internal Address: Carella, Byrne, Bain, Gilfillan,
Cecchi Stewart & Olstein

Street Address: 5 Becker Farm RoadCity: Roseland State: New Jersey Zip: 070686. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41)....\$40.00☒ Enclosed
☐ Additional fees, if any, authorized to be charged to
deposit account
8. Deposit account number: 03-0678

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Francis C. Hand

Name of Person Signing

Signature

Date

12-21-2006

Total number of pages including cover sheet, attachments, and document:

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

306613

1

01/04/2007 DBYRNE
01 FC:8021

00000148 1164386

40.00 DP

PATENT
REEL: 018741 FRAME: 0067

ASSIGNMENT

WHEREAS, We, MARK W. PILLING, a citizen of the United States and resident of Jenks, Oklahoma, MARKUS FISCHER, a citizen of Germany and resident of Konstanz, Germany and DALE EDWARD NUTTER, a citizen of the United States and resident of Peralta, New Mexico have invented new and useful improvements in TRAY FOR A MASS EXCHANGE COLUMN for which an application for United States Letters Patent was executed on even date herewith.

WHEREAS, Sulzer Chemtech AG, a corporation organized under and by virtue of the laws of Switzerland and having an office in Winterthur, Switzerland is desirous of obtaining the entire right, title and interest in and to the said application and the invention therein described and claimed and any Letters Patent that may be issued upon said application or for the improvements therein contained.

NOW, THEREFORE, in consideration of One Dollar (\$1) and other valuable consideration, we, the said Mark W. Pilling, Markus Fischer and Dale Edward Nutter, have sold, assigned and transferred and do hereby sell, assign and transfer unto the said Sulzer Chemtech AG., its successors and assigns, the entire right, title and interest in and to the said application and the invention therein contained, including the right to apply for any Letters Patent in the United States of America and in all foreign countries on said invention and to claim for such foreign applications the priority date of the United States application under the International Convention of 1883 and later modifications thereof, and any Letters Patent that may be issued thereon or therefor, in the United States and foreign countries, and all reissues, extensions, renewals, divisions and continuations thereof, to the full end of the term or terms for which said Letters Patent may be issued, the same to be held and enjoyed by the said Sulzer Chemtech AG, its successors and assigns, the same as it would have been held and enjoyed by us if this assignment and sale had not been made.

AND WE HEREBY authorize and request the Director of Patents and Trademarks to issue all such Letters Patent to the said Sulzer Chemtech AG in accordance with this instrument of Assignment.

AND WE FURTHER covenant and agree, in consideration of the premises, that we or our executors and administrators, will at any time upon request communicate to the said Sulzer Chemtech AG, its successors and assigns, any facts relating to the said invention and improvements and the history thereof, known to us or to our executors and administrators, and that we will testify as to the same in any interference or other litigation when requested so to do by the said Sulzer Chemtech AG, it being understood that, Sulzer Chemtech AG will compensate us for my expenses reasonably incurred in complying with its requests.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 14TH day of December, 2006.

Mark W. Pilling
Mark W. Pilling

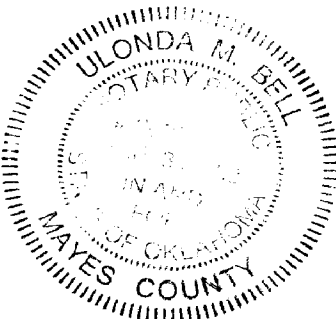
STATE OF Oklahoma)
COUNTY OF Mayes) ss.
)

On this 14th day of December, 2006 before me personally appeared, MARK W. PILLING, to me known and known to me to be the individual described in and who executed the foregoing instrument, and he thereupon acknowledged to me that he executed the same for the purposes therein set forth.

[Signature]
Notary Public

MY COMMISSION EXPIRES: 3/09/08

(SEAL)



IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this _____ day
of _____, 2006.

Dale Edward Nutter

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____ 2006 before me personally appeared, DALE EDWARD
NUTTER, to me known and known to me to be the individual described in and who executed the
foregoing instrument, and he thereupon acknowledged to me that he executed the same for the purposes
therein set forth.

Notary Public

MY COMMISSION EXPIRES:

(SEAL)

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this _____ day
of _____, 2006.

Markus Fischer

Witnessed by: _____ Witnessed by: _____

Date: _____ Date: _____

#305237