

06-02-2003

Form PTO-1595
(Rev. 03/01)

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

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RECORDAT

P/



102461861

DEPARTMENT OF COMMERCE

Patent and Trademark Office

Set No.: 1094-22

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

1. Name of conveying party(ies):

Shan, Zhiping
Thomas, Maschmeyer
Jacob, Cornelis Jansen

2. Name and address of receiving party(ies)

Name: ABB Lummus Global Inc.

Internal Address: _____

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Street Address: 1515 Broad Street

City: Bloomfield State: NJ Zip: 07003

Execution Date: 5/9/02

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

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: _____

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 10/246,495

Additional numbers attached? ☐ Yes ☒ No

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

Name: Adrian T. Calderone, Esq.

Internal Address: _____

Street Address: DILWORTH & BARRESE, LLP

333 Earle Ovington Blvd.

City: Uniondale State: New York Zip: 11553

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ \$40.00

☒ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number: 04-1121

(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.

Adrian T. Calderone, Reg.#31,746

Name of Person Signing

Signature

5/27/03

Date

Total number of pages including cover sheet, attachments, and documents: 6

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

05/30/2003 EDDPER 00000061 10246495

01 FC:0021

40.00 DP

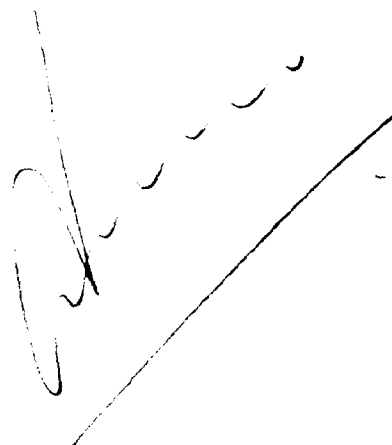
PATENT
REEL: 014111 FRAME: 0320

Seen for legalisation of the signatures on the attached document of:

1. Mr Zhiping Shan, residing at Bieslandsekade 36, (2612 JX) Delft, The Netherlands, born on March 15, 1965, holder of a Chinese passport with number 330103650315165;
2. Mr Jacobus Cornelis Jansen, residing at Grabijhof 1, (2625 LL) Delft, The Netherlands, born on August 3, 1941, holder of a Dutch passport with number N64123896;
3. Mr Thomas Maschmeyer, residing at Wilhelminalaan 139, (2625 LH) Delft, The Netherlands, born on October 1, 1966, holder of a German passport with number 3560341404,

by me, Cornelis Adrianus de Zeeuw, notaris ("civil law notary") in The Hague, The Netherlands.

The Hague, 1 October 2002.



A P O S T I L L E

(Convention de La Haye du 5 octobre 1961)

1. Country: THE NETHERLANDS
This public document
2. has been signed by **mr. C.A. de Zeeuw**
3. acting in the capacity of notary at **'s-Gravenhage**
4. bears the seal/stamp of aforesaid notary

Certified

5. at 's-GRAVENHAGE 6. the 1 oktober 2002
7. by the registrar of the court (rechtbank)
8. no. **2002-2806**
9. Seal/stamp:
10. Signature:



Sherwin Petronilia

Attorney's Docket No. 1094-22

PATENT

For: ☒ U.S. and/or ☒ Foreign Rights
For: ☒ U.S. Application or ☐ U.S. Patent
By: ☒ Inventor(s) or ☐ Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR: Zhiping Shan, Thomas Maschmeyer,
Jacobus Cornelis Jansen

(inventor(s) or
person(s) or entity(ies)
who own the invention)

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

Recorded on _____

Reel _____

Frame _____

hereby sells, assigns and transfers to

ASSIGNEE:

ABB Lummus Global Inc.
(Type or print name of ASSIGNEE)
1515 Broad Street
Address
Bloomfield, NJ 07003-3095
U.S.A.
Nationality

and the successors, assigns and legal representatives of the
ASSIGNEE

(complete one of the following)

(Assignment of Invention [16-3] - page 1 of 2)

PATENT
REEL: 014111 FRAME: 0323

- ☒ the entire right, title and interest
- ☐ an undivided _____ percent (_____%) interest for the United States and its territorial possessions

*(check the following box if foreign rights
are also to be assigned)*

- ☒ an in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

MESOPOROUS MATERIAL AND USE THEREOF FOR THE SELECTIVE
OXIDATION OF ORGANIC COMPOUNDS

(check and complete (a), (b), (c) or (d))

and which is found in

- (a) ☒ U.S. patent application executed on even date herewith
- (b) ☐ U.S. patent application executed on _____
- (c) ☐ U.S. application serial no. 0 / _____ filed on

- (d) ☐ U.S. patent no. _____ issued _____

- ☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (e) if foreign application(s) is also being assigned)

- (e) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any re-issue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

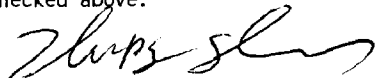
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and

(Assignment of Invention [16-3] - page 2 of 2)

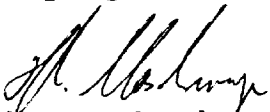
will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal
this _____ (Date of signing).


WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.


Zhiping Shan

6/8/2002
Dated


Thomas Maschmeyer

5/5/02
Dated


Jacobus Cornelis Jansen

5/9/02
Dated

If ASSIGNOR is a legal entity complete the following information

Type or print the name of the above person
authorized to sign on behalf of ASSIGNOR

Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 U.S.C. 261. Use next page if notarization is desired.

☒ Notarization or Legalization Page Added.

STATE OF

SS

COUNTY OF

On this _____ day of _____, 19____, before
me personally appeared _____ to me personally
known and known to me to be the person who signed the foregoing
assignment and acknowledged the signing of same as his free act
and deed.

Notary Public

STATE OF

SS

COUNTY OF

On this _____ day of _____, 19____, before
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