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To the Commissioner for Patents. Please record the attached original documents or copies thereof.

1. Name of Conveying Party(ies):

Jean BAIE
Fédérico LOPEZ
Etienne LE CLEF

2. Name and Address of Receiving Party(ies):

Name: DE SMET ENGINEERING,
naamloze vennootschap

Internal Address: 8-22-02

Street Address: Prins Boudewijnlaan 265

☐ Additional names of conveying parties attached.

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

City, State, Zip: B-2650 EDEGEM, Belgium

Execution Date: 02/27/01; 03/19/01; 02/27/01

☐ Additional name(s) and address(es) attached.

4. (A) Patent Application Number(s):

Herewith

4. (B) Patent Number(s):

10-203641

02/27/01

03/19/01

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

02/27/01

☐ Additional Numbers Attached5. Name and Address of Party to whom Correspondence Concerning this
Document Should be Mailed:

Name: J. Ernest Kenney

Address: Bacon & Thomas, PLLC
625 Slaters Lane Fourth Floor
Alexandria, VA 22314

Customer 23364

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: 02-0200

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9. Statement and Signature:

*To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is
a true copy of the original document.*

J. Ernest Kenney

Name of Person Signing

Signature

August 22, 2002

Date

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

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PATENT
REEL: 013355 FRAME: 0108

ASSIGNMENT

WHEREAS, (we), 1. Jean BAIE 2. Federico LOPEZ 3. Etienne LE CLEF
whose post office addresses appear below, hereinafter referred to as ASSIGNOR, have
invented certain new and useful improvements in

"Device for the transfer of energy and/or dissolvable matter between a solid
matter and a liquid".

- ☐ for which an application for United States Letters Patent was filed on _____, Serial No. _____; and,
☐ for which an application for United States Letters Patent was executed on _____; and,
☐ for which International Application No. _____ designating
the United States of America was filed on _____; and,

WHEREAS, DE SMET ENGINEERING, naamloze vennootschap., whose post
office address is Prins Boudewijnlaan 265
B-2650 EDEGEM (Belgium)

hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in
and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby
acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said
ASSIGNEE, the entire right, title, and interest in and to said invention and application throughout
the United States of America and in and to any and all Letters Patent which may be granted
therefor in the United States of America, including any and all Letters Patent granted on any
division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in
connection with the filing, prosecution and maintenance of said application or any other patent
application(s) in the United States for said invention, including additional documents that may be
required to affirm the rights of ASSIGNEE in and to said invention, all without further
consideration. ASSIGNOR also agrees without further consideration and at ASSIGNEE'S expense,
to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information
concerning the invention that are within ASSIGNOR'S possession or control, and to provide further
assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in
respect of the prosecution, maintenance and defense of any patent application or patent
encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument
shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to
issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire
right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use
and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for
which such Letters Patent may be granted, as fully and entirely as the same would have been held
by ASSIGNOR had this assignment and sale not been made.

Jean BAIE

Assignor Name

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Belgium

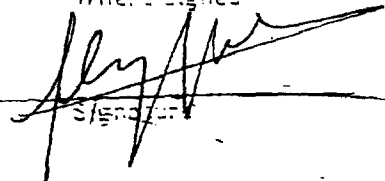
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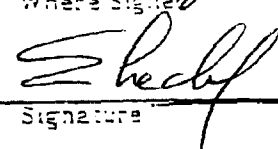
OVERSE
Where Signed

[Signature]
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