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To the Honorable Commissione

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1. Name of conveying party(ies):

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

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Street Address: Brown Boveri Str.7/699/5

City: Baden

State/Country: Switzerland

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Additional name(s) of conveying party(ies) attached? [] Yes [x] No

3. Nature of conveyance:

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Execution Date: June 11, 2003

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

10/451830

If this document is being filed together with a new application, the execution date of the application is: June 11, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? [] Yes [x] No

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

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6. Total number of applications and patents involved:

1

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

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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.

Martin B. Pavane
Name of Person Signing
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Signature

June 25, 2003
Date

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In consideration of the sum of One Dollar (\$1.00) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

Full name of Inventor(s) BAGLIONE Daniel, SEMEDARD Jean-Claude, GAUVILLE Pierre, MORIN Jean-Xavier

FLORES Emmanuel, QUARANTA Alain, BONNAND Christian

hereby sell(s), assign(s) and transfer(s) to

Full name and address of Assignee(s) ALSTOM (Switzerland) Ltd

Brown Boveri str. 7/699/5

CH-5401 BADEN, Switzerland

[hereinafter called the Assignee(s)] the entire right, title and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled

Title of Invention A CIRCULATING FLUIDIZED BED REACTOR DEVICE

which was filed by the undersigned in the form of an International Application which designated the United States of America under Number PCT/EP02/12066 on October 29, 2002 and which entered the National Stage in the United States of America under Serial Number on ; the aforesaid application for United States Letters Patent and all divisionals, continuations and substitutes thereof; and any and all United States Letters Patent which may be granted therefor and any and all extensions, reissues or renewals thereof; and the right to all benefits under the International Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said Assignee(s).

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee(s), the undersigned will execute all divisional, continuing, substitute, renewal and reissue patent applications; execute all rightful other papers; and generally do everything possible which said Assignee(s) shall consider desirable for aiding in securing and maintaining proper patent protection.

Signed at Baden

Date this 11th day of June 2003

INVENTOR(S) :

Full signature(s) of Inventor(s)

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