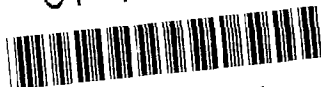


01-11-2005



102917674

To the Honorable Commissioner of Patent

original documents or copy thereof.

1. Name of conveying party(ies):

Paolo Boccazzi
Angela Y. Chen
Klavs F. Jensen
Nicolas Szita
Andrea Zanzotto
Zhiyu Zhang

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

☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Massachusetts Institute of Technology

Internal Address: 5 Cambridge Center, Kendall Square

City: Cambridge State: MA 02142

Country: USA

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

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Dates: October 12, 2004, October 28, 2004, November 2, 2004, November 18, 2004, November 18, 2004, December 14, 2004

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)

10/816,046 filed April 1, 2004

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Monica R. Gerber, M.D., Ph.D.
Reg. No.: 46,724

Internal Address: Choate, Hall & Stewart

Street Address: Exchange Place
53 State Street

City: Boston State: MA ZIP: 02109

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: 03-1721

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

RECEIVED
JAN - 7 PM 1:05
OPR/FINANCE

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.

Monica R. Gerber Reg. No. 46,724

Name of Person Signing

Signature

January 5, 2005
Date

Total number of pages including cover sheet, attachments, and document: 21

01/10/2005 DBYRNE 00000134 10816046

01 FC:8021

Atty Docket No.: 0492611-0544 (MIT10633)

1785358_1.DOC

Mail documents to be recorded with required cover sheet information to:
Commissioner For Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned **Paolo Boccazzi** of Cambridge, Massachusetts, **Angela Y. Chen**, of Cambridge, Massachusetts, **Klavs F. Jensen** of Lexington, MA, **Nicolas Szita** of Somerville, Massachusetts, **Andrea Zanzotto** of Somerville, Massachusetts and **Zhiyu Zhang** of Dorchester, Massachusetts, hereby

Sell, assign and transfer to **Massachusetts Institute of Technology**, having a place of business at **5 Cambridge Center, Kendall Square, Cambridge, MA 02142**, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, their entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed **April 1, 2004**, **Serial No. 10/816,046** entitled "**APPARATUS AND METHODS FOR SIMULTANEOUS OPERATION OF MINIATURIZED REACTORS**" and in and to said application and all divisional, continuing, substitute, renewal, reexamination, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original, reissued, and reexamination patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said ASSIGNEE, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reexamination, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said ASSIGNEE all facts known to them relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE.

Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

Covenant with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by them, and that full right to convey the same as herein expressed is possessed by them.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this _____ day of _____, 2004

Paolo Boccazzi

STATE OF _____
SS.

COUNTY OF _____.

On this ____ day of _____, 2004, before me, the undersigned notary public, personally appeared **Paolo Boccazzi**, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge, MA.

this 2nd day of November, 2004

Angela Y. Chen

STATE OF Massachusetts
SS.

COUNTY OF Middlesex.

On this 2nd day of November, 2004, before me, the undersigned notary public, personally appeared **Angela Y. Chen**, proved to me through satisfactory evidence of identification, which were SC DL# 007980824, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

NOTARY PUBLIC

Gary Ryan
Notary Public
My Commission Expires
July 9, 2010

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this _____ day of _____, 2004

Klavs F. Jensen

STATE OF _____
SS.
COUNTY OF _____.

On this ____ day of _____, 2004, before me, the undersigned notary public, personally appeared **Klavs F. Jensen**, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this _____ day of _____, 2004

Nicolas Szita

STATE OF _____
SS.
COUNTY OF _____.

On this ____ day of _____, 2004, before me, the undersigned notary public, personally appeared **Nicolas Szita**, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this _____ day of _____, 2004

Andrea Zanzotto

STATE OF _____

SS.

COUNTY OF _____.

On this ____ day of _____, 2004, before me, the undersigned notary public, personally appeared **Andrea Zanzotto**, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this _____ day of _____, 2004

Zhiyu Zhang

STATE OF _____

SS.

COUNTY OF _____.

On this ____ day of _____, 2004, before me, the undersigned notary public, personally appeared **Zhiyu Zhang**, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned **Paolo Boccazzi** of Cambridge, Massachusetts, **Angela Y. Chen**, of Cambridge, Massachusetts, **Klavs F. Jensen** of Lexington, MA, **Nicolas Szita** of Somerville, Massachusetts, **Andrea Zanzotto** of Somerville, Massachusetts and **Zhiyu Zhang** of Dorchester, Massachusetts, hereby

Sell, assign and transfer to **Massachusetts Institute of Technology**, having a place of business at **5 Cambridge Center, Kendall Square, Cambridge, MA 02142**, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, their entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed **April 1, 2004**, **Serial No. 10/816,046** entitled "**APPARATUS AND METHODS FOR SIMULTANEOUS OPERATION OF MINIATURIZED REACTORS**" and in and to said application and all divisional, continuing, substitute, renewal, reexamination, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original, reissued, and reexamination patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said ASSIGNEE, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reexamination, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said ASSIGNEE all facts known to them relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE.

Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

Covenant with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by them, and that full right to convey the same as herein expressed is possessed by them.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this _____ day of _____, 2004

Paolo Boccazzi

STATE OF _____

SS.

COUNTY OF _____.

On this ____ day of _____, 2004, before me, the undersigned notary public, personally appeared **Paolo Boccazzi**, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this _____ day of _____, 2004

Angela Y. Chen

STATE OF _____

SS.

COUNTY OF _____.


On this ____ day of _____, 2004, before me, the undersigned notary public, personally appeared **Angela Y. Chen**, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

NOTARY PUBLIC

[Notary's Seal Here]


My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge MA,
this 14th day of December, 2004


Klavs F. Jensen

STATE OF Massachusetts
COUNTY OF Middlesex SS.

On this 14 day of December, 2004, before me, the undersigned notary public, personally appeared **Klavs F. Jensen**, proved to me through satisfactory evidence of identification, which were drivers license, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.


NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires: May 24, 2007

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2004

Nicolas Szita

STATE OF _____
COUNTY OF _____ SS.

On this _____ day of _____, 2004, before me, the undersigned notary public, personally appeared **Nicolas Szita**, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this _____ day of _____, 2004

Andrea Zanzotto

STATE OF _____
SS.

COUNTY OF _____.

On this ____ day of _____, 2004, before me, the undersigned notary public, personally appeared **Andrea Zanzotto**, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this _____ day of _____, 2004

Zhiyu Zhang

STATE OF _____
SS.

COUNTY OF _____.

On this ____ day of _____, 2004, before me, the undersigned notary public, personally appeared **Zhiyu Zhang**, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

11. 77

ASSIGNMENT (AMENDED)

and other good and valuable consideration, the
signed Paolo Boccazzi of Cambridge,
Kays F. Jensen of Lexington,
ville.

PATENT

REEL: 016129 FRAME: 0828

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned **Paolo Boccazzi** of Cambridge, Massachusetts, **Angela Y. Qher**, of Cambridge, Massachusetts, **Klavs F. Jensen** of Lexington, MA, **Nicolas Szita** of Somerville, Massachusetts, **Andrea Zanzotto** of Somerville, Massachusetts and **Zhiyu Zhang** of Dorchester, Massachusetts, hereby

Sell, assign and transfer to **Massachusetts Institute of Technology**, having a place of business at **5 Cambridge Center, Kendall Square, Cambridge, MA 02142**, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, their entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed **April 1, 2004**, Serial No. **10/816,046** entitled "**APPARATUS AND METHODS FOR SIMULTANEOUS OPERATION OF MINIATURIZED REACTORS**" and in and to said application and all divisional, continuing, substitute, renewal, reexamination, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original, reissued, and reexamination patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said ASSIGNEE, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reexamination, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said ASSIGNEE all facts known to them relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE.

Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

Covenant with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by them, and that full right to convey the same as herein expressed is possessed by them.

NS
N
N
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Z

equied

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this _____ day of _____, 2004

Paolo Boccazzi

STATE OF _____
SS.

COUNTY OF _____.

On this ____ day of _____, 2004, before me, the undersigned notary public, personally appeared **Paolo Boccazzi**, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this _____ day of _____, 2004

Angela Y. Chen

STATE OF _____
SS.

COUNTY OF _____.

On this ____ day of _____, 2004, before me, the undersigned notary public, personally appeared **Angela Y. Chen**, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this _____ day of _____, 2004

Klavs F. Jensen

STATE OF _____
SS.

COUNTY OF _____.

On this _____ day of _____, 2004, before me, the undersigned notary public, personally appeared **Klavs F. Jensen**, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at Massachusetts Institute
of Technology

this 18 day of November, 2004

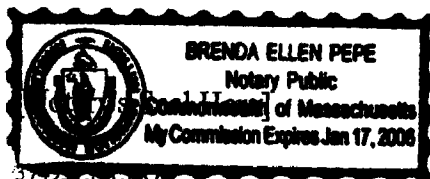
Brenda Ellen Pepe
Notary Public

Nicolas Szita
Nicolas Szita

STATE OF Massachusetts
SS.
COUNTY OF Suffolk.

On this 18 day of November, 2004, before me, the undersigned notary public, personally appeared **Nicolas Szita**, proved to me through satisfactory evidence of identification, which were MA driver's license, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

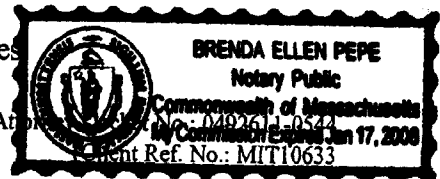
NS and amended



Brenda Ellen Pepe
NOTARY PUBLIC

My Commission Expires

Page 3 of 4



PATENT
REEL: 016129 FRAME: 0831

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this _____ day of _____, 2004

Andrea Zanzotto

STATE OF _____
SS.

COUNTY OF _____.

On this _____ day of _____, 2004, before me, the undersigned notary public, personally appeared **Andrea Zanzotto**, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at Massachusetts Institute
of Technology

this 18 day of November, 2004

amended
Brenda Ellen Pepe
Notary Public

Zhiyu Zhang
Zhiyu Zhang

STATE OF Massachusetts
COUNTY OF Suffolk SS.

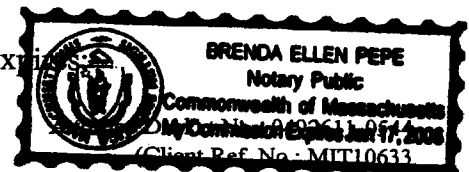
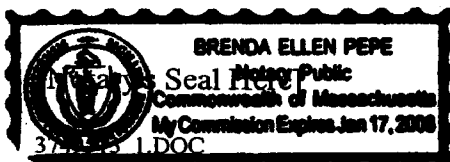
On this 18 day of November, 2004, before me, the undersigned notary public, personally appeared **Zhiyu Zhang**, proved to me through satisfactory evidence of identification, which were MA driver's license, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (~~she~~) signed it voluntarily for its stated purpose.

and amended
ZZ

Brenda Ellen Pepe

NOTARY PUBLIC

My Commission Expires:



ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned **Paolo Boccazzi** of Cambridge, Massachusetts, **Angela Y. Chen**, of Cambridge, Massachusetts, **Klavs F. Jensen** of Lexington, MA, **Nicolas Szita** of Somerville, Massachusetts, **Andrea Zanzotto** of Somerville, Massachusetts and **Zhiyu Zhang** of Dorchester, Massachusetts, hereby

Sell, assign and transfer to **Massachusetts Institute of Technology**, having a place of business at **5 Cambridge Center, Kendall Square, Cambridge, MA 02142**, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, their entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed **April 1, 2004**, Serial No. **10/816,046** entitled "**APPARATUS AND METHODS FOR SIMULTANEOUS OPERATION OF MINIATURIZED REACTORS**" and in and to said application and all divisional, continuing, substitute, renewal, reexamination, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original, reissued, and reexamination patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

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Covenant with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by them, and that full right to convey the same as herein expressed is possessed by them.

IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge, MA.
this 28th day of October, 2004

Paolo Boccazzi
Paolo Boccazzi

STATE OF Massachusetts SS.
COUNTY OF Middlesex.

On this 28th day of October, 2004, before me, the undersigned notary public, personally appeared **Paolo Boccazzi**, proved to me through satisfactory evidence of identification, which were Passport, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

Francine Chaput
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires: March 28, 2008

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2004

Angela Y. Chen

STATE OF _____ SS.
COUNTY OF _____.

On this ____ day of _____, 2004, before me, the undersigned notary public, personally appeared **Angela Y. Chen**, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this _____ day of _____, 2004

Klavs F. Jensen

STATE OF _____
SS.

COUNTY OF _____.

On this ____ day of _____, 2004, before me, the undersigned notary public, personally appeared **Klavs F. Jensen**, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this _____ day of _____, 2004

Nicolas Szita

STATE OF _____
SS.

COUNTY OF _____.

On this ____ day of _____, 2004, before me, the undersigned notary public, personally appeared **Nicolas Szita**, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this _____ day of _____, 2004

Andrea Zanzotto

STATE OF _____
SS.

COUNTY OF _____.

On this ____ day of _____, 2004, before me, the undersigned notary public, personally appeared **Andrea Zanzotto**, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this _____ day of _____, 2004

Zhiyu Zhang

STATE OF _____
SS.

COUNTY OF _____.

On this ____ day of _____, 2004, before me, the undersigned notary public, personally appeared **Zhiyu Zhang**, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned **Paolo Boccazzi** of Cambridge, Massachusetts, **Angela Y. Chen**, of Cambridge, Massachusetts, **Klavs F. Jensen** of Lexington, MA, **Nicolas Szita** of Somerville, Massachusetts, **Andrea Zanzotto** of Somerville, Massachusetts and **Zhiyu Zhang** of Dorchester, Massachusetts, hereby

Sell, assign and transfer to **Massachusetts Institute of Technology**, having a place of business at **5 Cambridge Center, Kendall Square, Cambridge, MA 02142**, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, their entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed **April 1, 2004**, **Serial No. 10/816,046** entitled "**APPARATUS AND METHODS FOR SIMULTANEOUS OPERATION OF MINIATURIZED REACTORS**" and in and to said application and all divisional, continuing, substitute, renewal, reexamination, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original, reissued, and reexamination patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

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Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

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IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this _____ day of _____, 2004

Paolo Boccazzi

STATE OF _____
SS.

COUNTY OF _____.

On this ____ day of _____, 2004, before me, the undersigned notary public, personally appeared **Paolo Boccazzi**, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this _____ day of _____, 2004

Angela Y. Chen

STATE OF _____
SS.

COUNTY OF _____.

On this ____ day of _____, 2004, before me, the undersigned notary public, personally appeared **Angela Y. Chen**, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this _____ day of _____, 2004

Klavs F. Jensen

STATE OF _____
SS.

COUNTY OF _____.

On this ____ day of _____, 2004, before me, the undersigned notary public, personally appeared **Klavs F. Jensen**, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this _____ day of _____, 2004

Nicolas Szita

STATE OF _____
SS.

COUNTY OF _____.

On this ____ day of _____, 2004, before me, the undersigned notary public, personally appeared **Nicolas Szita**, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge, MA,

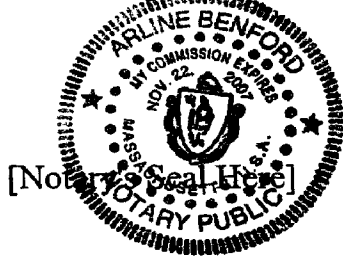
this 12th day of October, 2004



Andrea Zanzotto

STATE OF Massachusetts
COUNTY OF Middlesex SS.

On this 12th day of October, 2004, before me, the undersigned notary public, personally appeared **Andrea Zanzotto**, proved to me through satisfactory evidence of identification, which were MA Drivers License, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.



Arline Benford
NOTARY PUBLIC

My Commission Expires: 11/22/04

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this _____ day of _____, 2004

Zhiyu Zhang

STATE OF _____
COUNTY OF _____ SS.

On this ____ day of _____, 2004, before me, the undersigned notary public, personally appeared **Zhiyu Zhang**, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires: