

08-01-2003



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Resumen

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Mark Tuominen, Mustafa Bal, Andrei Ursache and Thomas P. Russell Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): University of Massachusetts One Beacon Street, 26th Floor Boston, Massachusetts 02108 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other: Correct Assignment previously recorded on June 24, 2002, Reel 013024, Frame 0526. Execution Date: Mark Tuominen – June 3, 2002 Mustafa Bal – May 15, 2002 Andrei Ursache – May 15, 2002 Thomas P. Russell – May 21, 2002	2003 JUL 30 AM 5:14 OPR/FINANCE
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): 10/098,222 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: J. PETER FASSE Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110-2804	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. <input checked="" type="checkbox"/> Previously paid on 6/17/02 and 2/19/03 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
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9. Statement and Signature: <i>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.</i> J. Peter Fasse Reg. No. 32,983 Name of Person Signing Signature Date 7-22-03	
Total number of pages including coversheet, attachments and document: 26	

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I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Mail Stop Assignment Recordation Services, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT
REEL: 014328 FRAME: 0428

06-28-2002

Substitute Form PTO-1595
Attorney Docket No.: 08952-013001

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HEET

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PATENTS ONLY

6.24.02

Commissioner for Patents: Please record the attached original document(s) or copy(ies).

1. Name of conveying party(ies):

Mark Tuominen, Mustafa Bal, Andrei Ursache,
and Thomas P. RussellAdditional name(s) attached? ☐ Yes ☒ No

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

University of Massachusetts
One Beacon Street, 26th Floor
Boston, MA 02108

3. Nature of conveyance:

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

Execution Date:

Mark Tuominen - June 3, 2002
 Mustafa Bal - June 15, 2002
 Thomas P. Russell - June 15, 2002,
 Andrei Ursache - June 21, 2002

Additional names/addresses attached? ☐ Yes ☒ No

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A. Patent Application No(s):

10/098,222

B. Patent No(s):

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J. PETER FASSE
 Fish & Richardson P.C.
 225 Franklin Street
 Boston, Massachusetts 02110-2804

6. Total number of applications/patents involved: 1

7. Total fee (37 CFR §3.41): \$40

- ☒ Enclosed
☐ Authorized to charge Deposit Account.

8. Deposit Account No.: 06-1050

Please apply any additional charges, or any credits, to our
Deposit Account No. 06-1050.

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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.*

J. Peter Fasse
 Reg. No. 32,983
 Name of Person Signing

Signature

Date

Total number of pages including coversheet, attachments and document: 6

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

June 17, 2002
Date of Deposit

Signature

Jeanine M. Harker
Typed Name of Person Signing Certificate

PATENT
REEL: 014328 FRAME: 0429

ASSIGNMENT

For valuable consideration, we, MARK TUOMINEN of Shutesbury MA, MUSTAFA BAL of Amherst, MA, Thomas P. Russell of Amherst, MA, and ANDREI URSACHE of Amherst, MA 01003, hereby assign to University of Massachusetts, a Massachusetts corporation having a place of business at One Beacon Street, 26th Floor, Boston, MA 02108; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled NANOFABRICATION, filed March 14, 2002, and assigned U.S. Serial Number 10/098,222, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Amherst, MA,
this 3rd day of June, 2002.

Mark Tuominen L.S.
MARK TUOMINEN

State of Massachusetts
: ss.

County of Hampshire :

Before me this 3rd day of June, 2002, personally appeared
MARK TUOMINEN known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.

Edward Bradley May
Notary Public
My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Amherst, MA,
this 15th day of May, 2002.

MUSTAFA BAL L.S.
MUSTAFA BAL

State of MA :
: ss.

County of Hampshire :

Before me this 15th day of May, 2002, personally appeared
MUSTAFA BAL known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.

Lynne D. Laliberte
Notary Public Lynne D. Laliberte
My Commission Expires: 12/30/05

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Amherst, MA,
this 15th day of May, 2002.
Thomas P. Russell L.S.
THOMAS P. RUSSELL

State of MA :

: ss.

County of Hampshire :

Before me this 15th day of May, 2002, personally appeared
THOMAS P. RUSSELL known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.

Lynne D. Laliberte
Notary Public Lynne D. Laliberte

My Commission Expires: 12/30/15

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Amherst, MA,
this 21st day of May, 2002.
Andrei Ursache L.S.
ANDREI URSACHE

State of MA :
: ss.

County of Hampshire :

Before me this 21st day of May, 2002, personally appeared
ANDREI URSACHE known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.

Dyane D. Laliberte
Notary Public Dyane D. Laliberte
My Commission Expires: 12/30/05

[Notary's Seal Here]

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