

07-28-2000



7-3-00

Substitute Form PTO-1

101417258

Attorney Docket Number: 50128/003002

Certificate of Mailing: Date of Deposit June 29, 2000

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 above and is addressed to BOX ASSIGNMENT, Director of the United States Patent and Trademark Office, Washington, D.C. 20231.

Printed Name

Julie A. Bowen

Signature

Julie A. Bowen

RECORDATION FORM COVER SHEET PATENTS ONLY

Please record the attached document.

<p>1. Names of all conveying parties: Uday Pal Stephen C. Britten</p> <p>Additional names attached: NO</p>	<p>2. Names and addresses of all receiving parties: Trustees of Boston University 147 Bay State Road Boston, MA 02215</p> <p>Additional names/addresses attached: NO</p>
<p>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: <u>Rerecord to correct Assignee name previously recorded at reel 9521 frame 0817 (as attached)</u></p> <p>Execution Date: 10/05/98 and 09/29/98</p>	
<p>4. Application numbers or patent numbers:</p> <p>A. Patent Application Numbers:</p>	<p>B. Patent Numbers: <u>5,976,345</u></p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Mary Rose Scozzafava, Ph.D. Reg. No. 36,268 Clark & Elbing LLP 176 Federal Street Boston, MA 02110</p>	<p>6. Total number of applications/patents involved: 1</p> <p>7. Total fee (37 CFR 3.41): \$40 <input checked="" type="checkbox"/> Fee enclosed <input type="checkbox"/> Authorized to charge deposit account</p> <p>8. Deposit account number: 03-2095. If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to Deposit Account No. 03-2095.</p>

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9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.*

Mary Rose Scozzafava, Ph.D.
Name of person signing

Signature

Mary Rose Scozzafava

Date

June 29, 2000

07/27/2000 DNGUYEN 00000202 5976345

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PATENT
REEL: 010937 FRAME: 0906

Tab settings ☐ ☐ ☐ ▼

10-26-1998



100860509

COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks

and the attached original documents or copy thereof.

1. Name of conveying party(ies):

- (1) Uday Pal
(2) Stephen C. Britton

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

3. Nature of conveyance:

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

Execution Date: (1) 9/29/98
(2) 10/5/98

2. Name and address of receiving party(ies)

Name: Boston University

Internal Address: _____

Street Address: 147 Bay State Road

City: Boston State: MA ZIP: 02215

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 this document is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner For Patents, Washington, D.C. 20231

A. Patent Application No.(s)

09/002,581

B. Patent No.(s)

on October 8, 1998

Additional numbers attached? ☐ Yes ☒ No

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

Name: Mary Rose Scozzafava

Internal Address: Choate, Hall & Stewart

Exchange Place

Street Address: 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)

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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.

Mary Rose Scozzafava

Name of Person Signing

Signature

10/8/98
Date

Total number of pages including cover sheet, attachments, and document: 5

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

Commissioner of Patents & Trademarks, Box Assignments

BATENT

REEL: 010937 FRAME: 0907

ASSIGNMENT

WHEREAS, We, **Uday Pal and Stephen C. Britten**, having invented a certain improvement in a **METHOD AND APPARATUS FOR METAL EXTRACTION AND SENSOR DEVICE RELATED THERETO** for which We have made application for a United States Patent, the said application filed on January 5, 1998; and having U.S. Serial No. 09/002,581.

WHEREAS, Trustees of Boston University (hereinafter called "the Assignee"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts, and having a usual place of business at 147 Bay State Road, Boston, Massachusetts 02215 desires to aquire an interest therein in accordance with agreements duly entered into with me;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledge, I do hereby sell assign and transfer unto said **ASSIGNEE**, its successors, assigns and legal representatives the full and exclusive right, title and interest in and to said invention and in and to said Applications and all patents which may granted therefore, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to the said **ASSIGNEE** of my entire right, title and interest.

I also hereby sell and assign to said **ASSIGNEE**, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said Applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in **ASSIGNEE**, its successors, assigns and legal representatives.

I hereby further agree that I will communicate to said **ASSIGNEE**, or to its successors, assigns and legal representative, any facts known to me respecting any improvements; and, at the expense of said **ASSIGNEE**, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said **ASSIGNEE** and to aid said **ASSIGNEE**, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____
this _____ day of _____, 1998.

Uday Pal

STATE OF _____
SS.
COUNTY OF _____

Before me this _____ day of _____, 1998, personally appeared Uday Pal known to me to be the person whose name of subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

.....
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at Greenwich
CONN. this 5th day of ~~1998~~ OCT, 1998.

Stephen C. Britten
Stephen C. Britten

STATE OF Connecticut
SS. Greenwich
COUNTY OF Fairfield

Before me this 5th day of October, 1998, personally appeared Stephen C. Britten known to me to be the person whose name of subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

.....
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

LUCIA VIGO
A Notary Public of Connecticut
My Commission Expires 02/28/2002

ASSIGNMENT

WHEREAS, We, **Uday Pal** and **Stephen C. Britten**, having invented a certain improvement in a **METHOD AND APPARATUS FOR METAL EXTRACTION AND SENSOR DEVICE RELATED THERETO** for which We have made application for a United States Patent, the said application filed on January 5, 1998; and having U.S. Serial No. 09/002,581.

WHEREAS, Trustees of Boston University (hereinafter called "the Assignee"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts, and having a usual place of business at 147 Bay State Road, Boston, Massachusetts 02215 desires to aquire an interest therein in accordance with agreements duly entered into with me;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledge, I do hereby sell assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive right, title and interest in and to said invention and in and to said Applications and all patents which may granted therefore, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to the said ASSIGNEE of my entire right, title and interest.

I also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said Applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

I hereby further agree that I will communicate to said ASSIGNEE, or to its successors, assigns and legal representative, any facts known to me respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge MA,
this 29th day of September, 1998.

Uday Pal
Uday Pal

STATE OF Massachusetts.
COUNTY OF Middlesex.
SS.

Before me this 29th day of September, 1998, personally appeared **Uday Pal** known to me to be the person whose name of subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

.....
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires: 8/02/2002

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 1998.

Stephen C. Britten

STATE OF _____.
COUNTY OF _____.
SS.

Before me this _____ day of _____, 1998, personally appeared **Stephen C. Britten** known to me to be the person whose name of subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

.....
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires: