

04-21-1999



101016051

Form PTO-1595  
1-31-92U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

4.16.99

# RECORDATION FORM COVER SHEET PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): <b>Andrew Scott Lawing; Herbert H. Sawin; Jane Chang</b>  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Name: <b>Massachusetts Institute of Technology</b>  Internal Address:  Street Address: <b>77 Massachusetts Avenue, E32-300</b>  City: <b>Cambridge</b> State: <b>MA</b> Zip: <b>02139</b>  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>3-29-99, 3-29-99, 4-12-99</u>					
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: <table border="0"> <tr> <td>A. Patent Application No.(s) 08/818,890</td> <td>B. Patent No.(s)</td> </tr> </table> <p style="text-align: center;">08 818 890 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>				A. Patent Application No.(s) 08/818,890	B. Patent No.(s)
A. Patent Application No.(s) 08/818,890	B. Patent No.(s)				
5. Name and address of party to whom correspondence concerning document should be mailed:  <b>Jonathan Grad          Vidas, Arrett &amp; Steinkraus, P.A.          Suite 2000, 6109 Blue Circle Drive          Minnetonka, MN 55343-9131</b>		6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41): \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account  8. Deposit Account Number: <b>22-0350</b> (Attach duplicate of this page if paying by deposit account)			

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.

Jonathan Grad

  
 Signature

 4/13/99  
 Date

Total number of pages including cover sheet, attachments, and document: 4

OMB No. 0651-011 (exp. 4/94)

04/20/1999 DNGUYEN 00000302 08818890

01/FC:581

40.00 OP

Do not detach this portion

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

**Commissioner of Patents and Trademarks**  
**Box Assignments**  
**Washington, D.C. 20231**

**PATENT**  
**REEL: 9891 FRAME: 0366**

## UTILITY/DESIGN PATENT

Docket No. F32.2-6396

## ASSIGNMENT

WHEREAS, I(we), Andrew Scott Lawing; Herbert H. Sawin; Jane Chang  
residing at 8809 S. Pointe Pkwy E., #2167, Phoenix, AZ 85044; 15 Larkin Road, Chestnut Hill, MA 02147;  
25 Hickory Place, Apt. #H27, Chatham, NJ 07928

have invented and own the entire United States right, title and interest in an invention for:

UV/HALOGEN METALS REMOVAL PROCESS

disclosed in my application for United States Letter Patent filed:

- ☐ concurrently herewith  
☒ on March 17, 1997 and assigned Serial No. 08/818,890; and

I hereby authorize and request any attorney of Vidas, Arrett & Steinkraus, P.A., Suite 2000,  
6109 Blue Circle Drive, Minnetonka, MN 55343-9131, to insert the filing date and application number of said  
application above when known.

WHEREAS, Massachusetts Institute of Technology ("Assignee"), a corporation organized  
and existing under and by virtue of the laws of the State of Massachusetts, and having its principal place of  
business at 77 Massachusetts Avenue, E32-300, Cambridge, MA 02139, is desirous of acquiring the entire  
right, title, and interest in and to said invention, to said application for any and all countries, to any and all  
Letters Patent, and to any and all Design Letters Patent of any and all countries which may be granted thereon;

NOW, THEREFORE, Be It Known that for good and valuable consideration, the receipt of all  
of which is hereby acknowledged, I(we) hereby sell, assign, and transfer unto Assignee, its successors, and  
assigns, the entire right, title and interest, legal and equitable, in and to said invention, to said application for  
any and all countries, to any and all Letters Patent, and to any and all Design Letters Patent of any and all  
countries which may be granted thereon; and the Commissioner of Patents and Trademarks is hereby authorized  
and requested to issue all Letters Patent and all Design Letters Patent which may be granted to said invention to  
Assignee.

Dated:

3/29/99

First Inventor's Signature:

First Inventor's Name:

Andrew Scott Lawing

Dated:

Second Inventor's Signature:

Second Inventor's Name:

Herbert H. Sawin

Dated:

Third Inventor's Signature:

Third Inventor's Name:

Jane Chang

UTILITY/DESIGN PATENT  
Docket No. F32.2-6396

ASSIGNMENT

WHEREAS, I(we), Andrew Scott Lawing; Herbert H. Sawin; Jane Chang  
residing at 8809 S. Pointe Pkwy E., #2167, Phoenix, AZ 85044; 15 Larkin Road, Chestnut Hill, MA 02147;  
25 Hickory Place, Apt. #H27, Chatham, NJ 07928

have invented and own the entire United States right, title and interest in an invention for:

UV/HALOGEN METALS REMOVAL PROCESS

disclosed in my application for United States Letter Patent filed:


- ☐ concurrently herewith
- ☒ on March 17, 1997 and assigned Serial No. 08/818,890; and

I hereby authorize and request any attorney of Vidas, Arrett & Steinkraus, P.A., Suite 2000,  
6109 Blue Circle Drive, Minnetonka, MN 55343-9131, to insert the filing date and application number of said  
application above when known.

WHEREAS, Massachusetts Institute of Technology ("Assignee"), a corporation organized  
and existing under and by virtue of the laws of the State of Massachusetts, and having its principal place of  
business at 77 Massachusetts Avenue, E32-300, Cambridge, MA 02139, is desirous of acquiring the entire  
right, title, and interest in and to said invention, to said application for any and all countries, to any and all  
Letters Patent, and to any and all Design Letters Patent of any and all countries which may be granted thereon;

NOW, THEREFORE, Be It Known that for good and valuable consideration, the receipt of all  
of which is hereby acknowledged, I(we) hereby sell, assign, and transfer unto Assignee, its successors, and  
assigns, the entire right, title and interest, legal and equitable, in and to said invention, to said application for  
any and all countries, to any and all Letters Patent, and to any and all Design Letters Patent of any and all  
countries which may be granted thereon; and the Commissioner of Patents and Trademarks is hereby authorized  
and requested to issue all Letters Patent and all Design Letters Patent which may be granted to said invention to  
Assignee.

Dated: First Inventor's Signature  
First Inventor's Name: Andrew Scott Lawing

Dated: 3-29-99 Second Inventor's Signature:   
Second Inventor's Name: Herbert H. Sawin

Dated: Third Inventor's Signature:  
Third Inventor's Name: Jane Chang

## UTILITY/DESIGN PATENT

Docket No. F32.2-6396

## ASSIGNMENT

WHEREAS, I(we), Andrew Scott Lawing; Herbert H. Sawin; <sup>Jane P. Chang</sup> Jane Chang  
residing at 8809 S. Pointe Pkwy E., #2167, Phoenix, AZ 85044; 15 Larkin Road, Chestnut Hill, MA 02147;  
25 Hickory Place, Apt. #H27, Chatham, NJ 07928

have invented and own the entire United States right, title and interest in an invention for:

UV/HALOGEN METALS REMOVAL PROCESS

disclosed in my application for United States Letter Patent filed:

- ☐ concurrently herewith  
☒ on March 17, 1997 and assigned Serial No. 08/818,890; and

I hereby authorize and request any attorney of Vidas, Arrett & Steinkraus, P.A., Suite 2000,  
6109 Blue Circle Drive, Minnetonka, MN 55343-9131, to insert the filing date and application number of said  
application above when known.

WHEREAS, Massachusetts Institute of Technology ("Assignee"), a corporation organized  
and existing under and by virtue of the laws of the State of Massachusetts, and having its principal place of  
business at 77 Massachusetts Avenue, E32-300, Cambridge, MA 02139, is desirous of acquiring the entire  
right, title, and interest in and to said invention, to said application for any and all countries, to any and all  
Letters Patent, and to any and all Design Letters Patent of any and all countries which may be granted thereon;

NOW, THEREFORE, Be It Known that for good and valuable consideration, the receipt of all  
of which is hereby acknowledged, I(we) hereby sell, assign, and transfer unto Assignee, its successors, and  
assigns, the entire right, title and interest, legal and equitable, in and to said invention, to said application for  
any and all countries, to any and all Letters Patent, and to any and all Design Letters Patent of any and all  
countries which may be granted thereon; and the Commissioner of Patents and Trademarks is hereby authorized  
and requested to issue all Letters Patent and all Design Letters Patent which may be granted to said invention to  
Assignee.

Dated:

First Inventor's Signature:

First Inventor's Name:

Andrew Scott Lawing

Dated:

Second Inventor's Signature:

Second Inventor's Name:

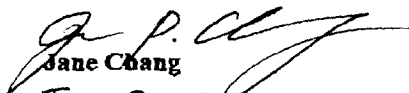
Herbert H. Sawin

Dated:

Apr. 12, 1999

Third Inventor's Signature:

Third Inventor's Name:

  
Jane P. Chang  
Jane P. Chang Apr. 12, 1999