

Docket: F32,26782
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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):
Andrew Scott Lawing; Herbert H. Sawin; Jane P. Chang; Zhe Zhang; Han Xu

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:

Street Address: **77 Massachusetts Avenue, E32-300**

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: 11/19/99, 11/17/99, 11/29/99, 12/07/99, and 11/19/99 respectively.

City: **Cambridge** State: **MA** Zip: **02139**

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

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)
09/051,686

B. Patent No.(s)

Additional numbers attached? Yes No

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

**Walter J. Steinkraus, Esq.
Vidas, Arrett & Steinkraus, P.A.
Suite 2000, 6109 Blue Circle Drive
Minnetonka, MN 55343-9131**

6. Total number of applications and patents involved: **1**

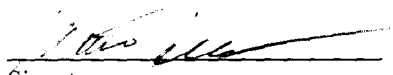
7. Total fee (37 CFR 3.41): **\$ 40.00**
 Enclosed
 Authorized to be charged to deposit account

8. Deposit Account Number: **22-0350**
(Attach duplicate 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.

Walter J. Steinkraus  12/07/99
Signature Date

Total number of pages including cover sheet, attachments, and document: **6**

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

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Mail documents to be recorded with required cover sheet information to:
**Commissioner of Patents and Trademarks
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01/25/2000 VBRDMH 00000046 09051686 40.00 08
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UTILITY/DESIGN PATENT
Docket No. F32-2-6782

ASSIGNMENT

WHEREAS, we, Andrew Scott Lawing; Herbert H. Sawin; Jane Chang; Zhe Zhang; Han Xu 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; 170 Giotto, Irvine, CA 92614; 19 Rawson Avenue, Lexington, MA 02173 have invented and own the entire United States right, title and interest in an invention for:

METALS REMOVABLE PROCESS

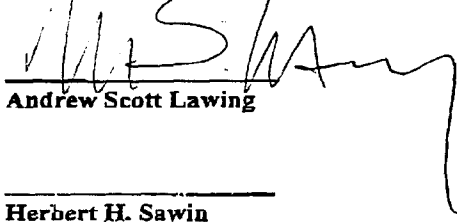
disclosed in my application for United States Letter Patent filed:

- concurrently herewith
- on October 1, 1998 and assigned Serial No. 09/051,686; 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, F32-300, 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: <u>11/19/99</u>	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
Dated:	Second Inventor's Signature: Second Inventor's Name:	_____ Zhe Zhang
Dated:	Third Inventor's Signature: Third Inventor's Name:	_____ HanXu

443/97763
PATENT

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

Dated: 11/17/99 Second Inventor's Signature: Herbert H. Sawin
Second Inventor's Name: Herbert H. Sawin

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

Dated: Second Inventor's Signature: _____
Second Inventor's Name: Zhe Zhang

Dated: Third Inventor's Signature: _____
Third Inventor's Name: Han Xu

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10600 Wilshire Blvd. #326, Los Angeles, CA 90024 (GPC)

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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: Nov. 29, 1999 Third Inventor's Signature: _____
Third Inventor's Name: Jane P. Chang (GPC)

Dated: Second Inventor's Signature: _____
Second Inventor's Name: Zhe Zhang

Dated: Third Inventor's Signature: _____
Third Inventor's Name: Han Xu

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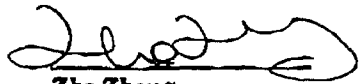
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Third Inventor's Name: Jane Chang

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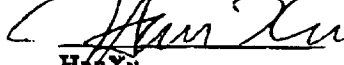
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Third Inventor's Signature: _____
Third Inventor's Name: **Jane Chang**

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Second Inventor's Signature: _____
Second Inventor's Name: **Zhe Zhang**

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Third Inventor's Signature: 
Third Inventor's Name: **Han Xu**