

I hereby certify that this
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to: Assistant Commissioner
20231, on September 29, 2000

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FORM PTO-1585
(Rev. 6-83)

OMB No. 0851-0011 (exp. 4/94)

RECORDATION FORM COVER SHEET PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Tab settings 0000 ▼

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

1. Name of conveying party(ies): Emanuel M. Sachs,
Won B. Bang and Michael J. Cima

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:

NE25-230

Street Address: 77 Massachusetts
Avenue

City: Cambridge State: MA ZIP: 02139

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

3. Nature of conveyance:

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

Execution Date: 8/25/00, 8/30/00 and 9/27/00
respectively

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)

09/577,920

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Steven J. Weissburg

Internal Address: Suite 303

Street Address: 238 Main Street

City: Cambridge State: MA ZIP: 02142

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

19-2553 (MIT)

(Attach duplicate copy 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.

Steven J. Weissburg

Name of Person Signing

Steven J. Weissburg
Signature

Sept. 29, 2000

Date

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

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

I, Emanuel M. Sachs, of 18 Moreland Ave., Newton, MA 02159;
I, Won B. Bang, of 1341 Jonathan St. #1, Santa Clara, CA 95050; and
I, Michael J. Cima, of 184 Mystic Valley Pkwy., Winchester, MA 01890,
jointly and severally referred to below as an "ASSIGNOR", have certain rights in
an invention entitled MOLDS FOR CASTING WITH CUSTOMIZED INTERNAL STRUCTURE TO
COLLAPSE UPON COOLING AND TO FACILITATE CONTROL OF HEAT TRANSFER, and which is
found in a U.S. Patent Application U.S.S.N. 09/577,920, filed on May 24, 2000,
with the United States Patent and Trademark Office (the "INVENTION"). In
consideration of One Dollar and other valuable consideration paid to me by THE
MASSACHUSETTS INSTITUTE OF TECHNOLOGY, a corporation of Massachusetts, having its
principal place of business at 77 Massachusetts Avenue, Cambridge, Mass, 02139,
("ASSIGNEE") the receipt of which is hereby acknowledged, ASSIGNOR does hereby
sell, assign and transfer unto said ASSIGNEE its successors and assigns,
ASSIGNOR'S entire right, title and interest for the United States of America and
all foreign countries including all rights of priority in said INVENTION or
improvement(s) in the INVENTION, patent application(s) and patent(s) listed above
and in all Letters Patent of the United States and all foreign countries which may
or shall be granted on said INVENTION(s), or any parts thereof, or on said
applications, or any divisional, continuing, reissue or other applications based
thereon. And ASSIGNOR agrees, for ASSIGNOR and ASSIGNOR'S heirs, successors and
assigns with said ASSIGNEE and its successors and assigns but at its expense and
charges, hereafter to do all acts necessary or proper to secure the grant of
Letters Patent in the United States and in all other countries to said ASSIGNEE,
with specifications and claims in such form as shall be approved by the counsel of
said ASSIGNEE and to vest and confirm in said ASSIGNEE, its successors and
assigns, the legal title to all such patents.

And ASSIGNOR does hereby authorize and request the Commissioner of Patents
and Trademarks of the United States to issue such Letters Patent as shall be
granted upon said application or applications based thereon to said ASSIGNEE, its
successors and assigns.

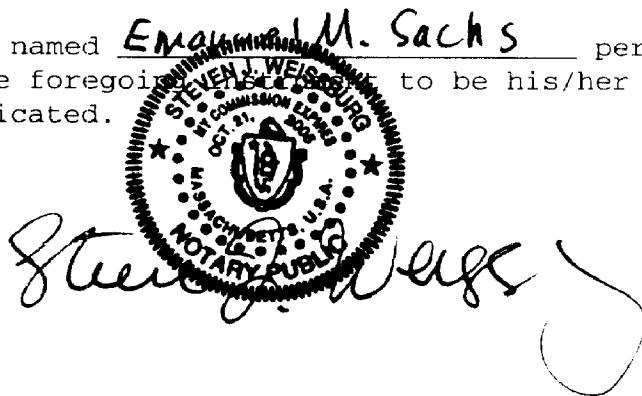
WITNESS my hand and seal:

ASSIGNOR: Emanuel M. Sachs

SIGNATURE [Signature] DATE: 8/25/00

The above named Emanuel M. Sachs personally appeared and
acknowledged the foregoing to be his/her free act and deed, before me,
on the date indicated.

Notary Public



ASSIGNMENT

I, Emanuel M. Sachs, of 18 Moreland Ave., Newton, MA 02159;
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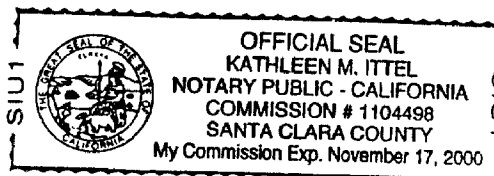
WITNESS my hand and seal:

ASSIGNOR: Won B. Bang

SIGNATURE [Signature] DATE: 8/30/00

The above named WON B. BANG personally appeared and
acknowledged the foregoing instrument to be his/her free act and deed, before me,
on the date indicated.

[Signature]
Notary Public



ASSIGNMENT

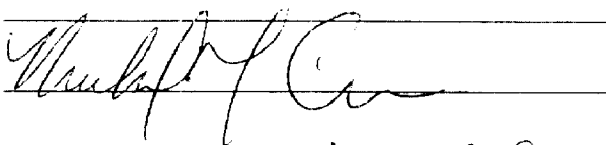
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successors and assigns.

WITNESS my hand and seal:

ASSIGNOR:

SIGNATURE



DATE:

9/27/00

The above named Michael J. Cima personally appeared and
acknowledged the foregoing instrument to be his/her free act and deed, before me,
on the date indicated.

Notary Public



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Box Assignments, Washington D.C. 20231, on September 29, 2000

Steven J. Weissburg
Steven J. Weissburg

FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Emanuel M. Sachs, Won B. Bang and Michael J. Cima 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: <u>Massachusetts Institute of Technology</u> Internal Address: <u>NE25-230</u> Street Address: <u>77 Massachusetts Avenue</u> City: <u>Cambridge</u> State: <u>MA</u> ZIP: <u>02139</u> 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>8/25/00, 8/30/00 and 9/27/00</u> respectively					
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) <u>09/577,920</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Steven J. Weissburg</u> Internal Address: <u>Suite 303</u> Street Address: <u>238 Main Street</u> City: <u>Cambridge</u> State: <u>MA</u> ZIP: <u>02142</u>		6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>19-2553 (MIT)</u> (Attach duplicate copy 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. <u>Steven J. Weissburg</u> <i>Steven J. Weissburg</i> <u>Sept. 29, 2000</u> Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and document: <u>4</u>					

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

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