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on January 15, 2002

Steven J. Weissburg
Steven J. Weissburg

Form PTO-1595 (Rev. 03/01)		03-01-2002		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
OMB No. 0651-0027 (exp. 5/31/2002)					
Tab settings 					
To the Honorable Commiss		101998403		ached original documents or copy thereof.	
1. Name of conveying party(ies): <u>Malinda M. Tupper, Michael J. Cima and Marjorie E Chopinaud</u> <u>2-13-02</u>		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) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		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>01/03/02, 11/30/01, and 12/13/01 respectively</u>					
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>09/976,835</u> B. Patent No.(s) <u>09/976,835</u> 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</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>19-2553</u> (Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE					
9. Statement and signature. <u>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> <u>Steven J. Weissburg</u> Name of Person Signing <u>Steven J. Weissburg</u> Signature <u>JAN 14, 2002</u> Date Total number of pages including cover sheet, attachments, and documents: <u>5</u>					

Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231

02/26/2002 6TON11 00000114 192553 09976835

01 FC:581 40.00 CH

PATENT
REEL: 012610 FRAME: 0682

ASSIGNMENT

I, Malinda M. Tupper, of 22 Magazine St. Apt. 8, Cambridge, MA 02139;
I, Michael J. Cima, of 184 Mystic Valley Pkwy., Winchester, MA 01890; and
I, Marjorie E. Chopinaud, of 6, rue de la colline, 87220 FEYTIAT, FRANCE,
jointly and severally referred to below as an "ASSIGNOR", have certain
rights in an invention entitled MANIPULATING MICRON SCALE ITEMS, and which is
found in a U.S. Patent Application U.S.S.N. 09/976,835, filed on October 12, 2001,
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, reexamination 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: Malinda M. Tupper

SIGNATURE: Malinda Tupper DATE: 01/03/02

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

Notary Public

Barbara S. Layne
Expires: Feb. 28, 2008

ASSIGNMENT

I, Malinda M. Tupper, of 22 Magazine St. Apt. 8, Cambridge, MA 02139;
I, Michael J. Cima, of 184 Mystic Valley Pkwy., Winchester, MA 01890; and
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WITNESS my hand and seal:

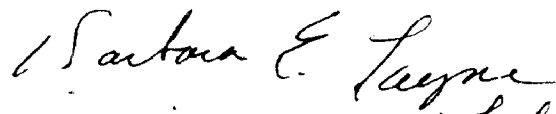
ASSIGNOR: Michael J. Cima

SIGNATURE: 

DATE: Nov 30, 2001

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


my commission expires: Feb. 28, 2008

ASSIGNMENT

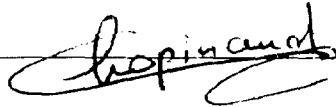
I, Malinda M. Tupper, of 22 Magazine St. Apt. 8, Cambridge, MA 02139;
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and in all Letters Patent of the United States and all foreign countries which may
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to said ASSIGNEE, with specifications and claims in such form as shall be approved
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successors and assigns.

WITNESS my hand and seal:

ASSIGNOR: Marjorie E. Chopinaud

SIGNATURE: _____

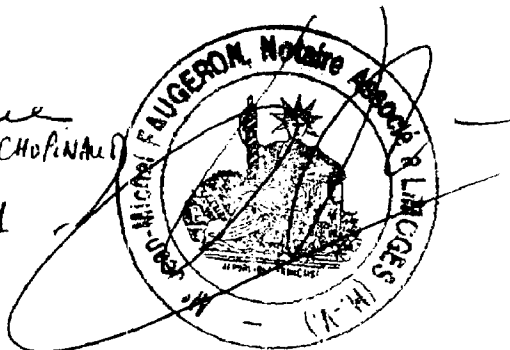


DATE: 12/13/01

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

Notary Public

Me PAUGERON Notaire, assés
à LIMOGES, soussigné, certifie
véritable la signature de Madame
opposée ci-dessus Marjorie E. CHOPINAUD
le 27 Décembre 2001



PATENT

RECORDED: 02/13/2002

REEL: 012610 FRAME: 0685