

06-19-2002

Docket Number: MIT9126

Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) Tab settings



U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

102127142

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

1. Name of conveying party(ies): Jin Qiu Alexander H. Slocum Jeffrey H. Lang Ralf Struempfer Michael P. Brenner Jian Li Additional name(s) of conveying party(ies) attached? Yes No

6-11-02

2. Name and address of receiving party(ies) Name: Massachusetts Institute of Technology Internal Address:

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

Street Address: 77 Massachusetts Avenue City: Cambridge State: MA Zip: 02139 Additional name(s) & address(es) attached? Yes No

Execution Date: 5/7/02; 5/8/02; 5/14/02

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) 10/052,667 filed January 18, 2002 B. Patent No.(s) Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Theresa A. Lober Internal Address: T. A. Lober Patent Services Street Address: 45 Walden Street City: Concord State: MA Zip: 01742

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: 19-2553 (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. Theresa A. Lober Signature Date May 31, 2002

06/18/2002 DBYRNE 00000033 192553 10052667 01 FC:581 40.00 CH

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

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

PATENT REEL: 012989 FRAME: 0680

ASSIGNMENT

WHEREAS, we:

Jin Qiu,	Cambridge, Massachusetts;
Alexander H. Slocum,	Bow, New Hampshire;
Jeffrey H. Lang,	Sudbury, Massachusetts;
Ralf Struempler,	Gebenstorf, Switzerland;
Michael P. Brenner,	Needham, Massachusetts; and
Jian Li,	Cambridge, Massachusetts,

have made an invention for:

BISTABLE ACTUATION TECHNIQUES, MECHANISMS, AND APPLICATIONS

Described in an application for Letters patent of the United States filed January 18, 2002, as Serial No. 10/052,667, which claims priority under 35 U.S.C. §119(e) from United States Provisional Patent Application Serial No. 60/263,057, filed January 19, 2001; and

WHEREAS the **Massachusetts Institute of Technology**, a corporation organized and existing under the laws of the Commonwealth of Massachusetts, and having a usual place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, desires for the benefit of itself and its successors and assigns, all inclusively hereinafter referred to as "Assignee," to acquire the entire right, title and interest in and to said invention, said applications, all inventions disclosed in said applications, and all Letters Patent of the United States and of all other countries which may be granted for said inventions;

NOW, THEREFORE, for good and valuable consideration provided by said Assignee, the receipt whereof is hereby acknowledged, we do hereby sell, assign, and transfer to said Assignee the entire right, title, and interest in and to said invention, inventions, and applications, including all priority rights arising therefrom, all inventions disclosed in said applications, and any and all Letters Patent of the United States, including but not limited to continuations, divisionals, reissues, and reexaminations of said application or such Letters Patent, and patents of all other countries, together with the right to apply for such Letters Patent, which may be granted for said invention and/or inventions;

TO HAVE, HOLD, AND ENJOY said inventions, said applications, and said Letters Patent to said **Massachusetts Institute of Technology**, its successors and assignees, to its and their own use and behoof to the full end of the term or terms for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made;

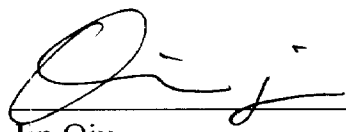
AND we hereby authorize and request the Commissioner of Patents of the United States and the appropriate officers of all foreign patent offices to issue any and all Letters Patent which may be granted on said applications above referred to, or for said inventions, or any of them, to said Assignee in accordance with the terms of this assignment;

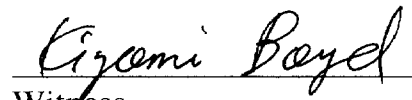
AND we hereby agree to execute and sign without further consideration any other legal document and any other assignments and any divisional, continuing, renewal, reissue, or other application in and for all patents that may be appropriate and may be deemed necessary by the Assignee to fully secure to said Assignee its interests as aforesaid in and to said inventions or any part therefor and in and to said patents or any of them;

AND we further covenant and agree that we will at any time upon request communicate to said Assignee, its successors, assigns, or other legal representatives, any facts known to us relating to said inventions and any patents that may be granted thereon, and will testify as to the same in any interference or litigation when requested to do so;

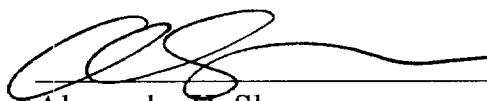
AND we hereby covenant for ourselves and our legal representatives that we have not hitherto assigned or granted any license to make, use, or sell said invention, and that we will not henceforth purport to assign, license, or execute any instrument to that effect in conflict with this assignment.

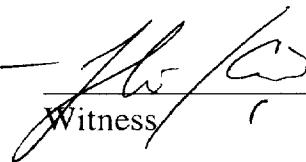
5/7/2002
Date


Jin Qiu

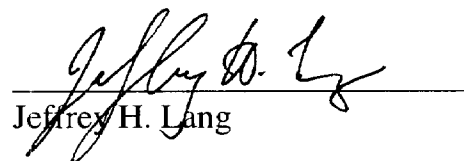

Witness

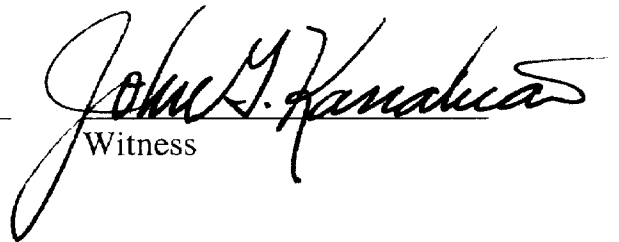
5/8/2002
Date


Alexander H. Slocum


Witness

5/7/2002
Date


Jeffrey H. Lang



Witness

Date

Ralf Struempler


Witness

5-11-02
Date


Michael P. Brenner


Witness

5/7/02
Date


Jian Li


Witness

ASSIGNMENT

WHEREAS, we:

Jin Qiu,	Cambridge, Massachusetts;
Alexander H. Slocum,	Bow, New Hampshire;
Jeffrey H. Lang,	Sudbury, Massachusetts;
Ralf Struempfer,	Gebenstorf, Switzerland;
Michael P. Brenner,	Needham, Massachusetts; and
Jian Li,	Cambridge, Massachusetts,

have made an invention for:

BISTABLE ACTUATION TECHNIQUES, MECHANISMS, AND APPLICATIONS

Described in an application for Letters patent of the United States filed January 18, 2002, as Serial No. 10/052,667, which claims priority under 35 U.S.C. §119(e) from United States Provisional Patent Application Serial No. 60/263,057, filed January 19, 2001; and

WHEREAS the **Massachusetts Institute of Technology**, a corporation organized and existing under the laws of the Commonwealth of Massachusetts, and having a usual place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, desires for the benefit of itself and its successors and assigns, all inclusively hereinafter referred to as "Assignee," to acquire the entire right, title and interest in and to said invention, said applications, all inventions disclosed in said applications, and all Letters Patent of the United States and of all other countries which may be granted for said inventions;

NOW, THEREFORE, for good and valuable consideration provided by said Assignee, the receipt whereof is hereby acknowledged, we do hereby sell, assign, and transfer to said Assignee the entire right, title, and interest in and to said invention, inventions, and applications, including all priority rights arising therefrom, all inventions disclosed in said applications, and any and all Letters Patent of the United States, including but not limited to continuations, divisionals, reissues, and reexaminations of said application or such Letters Patent, and patents of all other countries, together with the right to apply for such Letters Patent, which may be granted for said invention and/or inventions;

TO HAVE, HOLD, AND ENJOY said inventions, said applications, and said Letters Patent to said **Massachusetts Institute of Technology**, its successors and assignees, to its and their own use and behoof to the full end of the term or terms for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made;

AND we hereby authorize and request the Commissioner of Patents of the United States and the appropriate officers of all foreign patent offices to issue any and all Letters Patent which may be granted on said applications above referred to, or for said inventions, or any of them, to said Assignee in accordance with the terms of this assignment;

AND we hereby agree to execute and sign without further consideration any other legal document and any other assignments and any divisional, continuing, renewal, reissue, or other application in and for all patents that may be appropriate and may be deemed necessary by the Assignee to fully secure to said Assignee its interests as aforesaid in and to said inventions or any part therefor and in and to said patents or any of them;

AND we further covenant and agree that we will at any time upon request communicate to said Assignee, its successors, assigns, or other legal representatives, any facts known to us relating to said inventions and any patents that may be granted thereon, and will testify as to the same in any interference or litigation when requested to do so;

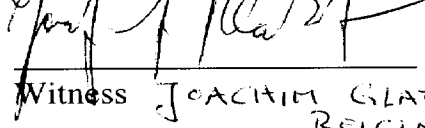
AND we hereby covenant for ourselves and our legal representatives that we have not hitherto assigned or granted any license to make, use, or sell said invention, and that we will not henceforth purport to assign, license, or execute any instrument to that effect in conflict with this assignment.

Date Jin Qiu _____
Witness

Date Alexander H. Slocum _____
Witness

Date Jeffrey H. Lang _____
Witness

5-7-02

Date Ralf Struempler _____
Witness 
JOACHIM GLATZ-REICHENBACH

Date Michael P. Brenner _____
Witness

Date Jian Li _____
Witness