

01-13-2003

Atty Dkt No.: MIT-111AUS

Form PTO-1595 (Rev. 03/01)

1.6.03

REI



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

OMB No. 0651-0027 (exp. 5/31/2002)

102336283

Tab settings

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

1. Name of conveying party(ies):

Alexander H. Slocum
Shorya Awtar
Anastasios John Hart

2. Name and address of receiving party(ies)

Name: Massachusetts Institute of Technology

Internal Address:

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Street Address: 77 Massachusetts Avenue

City: Cambridge State: MA Zip: 02139

Execution Date: January 6, 2003

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

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: 1/6/03

A. Patent Application No.(s)

B. Patent No.(s)

10/337097

Additional numbers attached? Yes No

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

Name: Kermit Robinson
Daly, Crowley & Mofford, LLP
Internal Address:

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

Street Address: 275 Turnpike Street, Suite 101

8. Deposit account number:

50-0845

City: Canton State: MA Zip: 02021-2354

(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.

Kermit Robinson Reg. No. 48,734
Name of Person Signing

Kermit Robinson
Signature

Jan 6, 2003
Date

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

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

01/08/2003 EMAIL 00000042 10337097

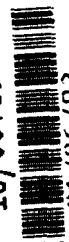
03 FC:8021

40.00 OP

PATENT
REEL: 013642 FRAME: 0227

11060 U.S. PTO

10/337097



PATENT

ASSIGNMENT

Whereas we, the undersigned, Alexander H. Slocum, Shorya Awtar and Anastasios John Hart, hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled MATERIAL TRANSPORTATION SYSTEM, identified as Attorney Docket No. MIT-111AUS and Client Case No. 09553 which application was executed on January 6, 2003 and filed on January 6, 2003 and Assigned Application No. . In the event that the execution date, filing date and/or Application No. are not entered above at the time we executed this document, and if such information is deemed necessary, we hereby authorize and request our attorneys at Daly, Crowley & Mofford, LLP, 275 Turnpike Street, Suite 101, Canton, MA 02021-2310, to insert above the execution date, filing date and/or Application No. of said application.

Whereas, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, a Massachusetts corporation having a place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to me/us, receipt and sufficiency of which I/we hereby acknowledge, I/we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, re-examination and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

PATENT
Application No.: Filed Herewith
Attorney Docket No.: MIT-111AUS
Client Case No.: 09553

5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to my name.

Dated: 1/6/03 Alex Slocum
Alexander H. Slocum

On this 6th day of January, 2003, before me appeared Alexander H. Slocum, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Maureen N. Lynch
First Witness

On this 6th day of January, 2003, before me appeared Alexander H. Slocum, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Sean J. Hartgering
Second Witness

PATENT
Application No.: Filed Herewith
Attorney Docket No.: MIT-111AUS
Client Case No.: 09553

Dated: Jan 6, 2003

Shorya Awtar
Shorya Awtar

On this 6 day of January, 2003, before me appeared Shorya Awtar, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Alex Spis
First Witness

On this 6th day of January, 2003, before me appeared Shorya Awtar, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Maureen D. Lynch
Second Witness

Dated: Jan 6 / 2003

Anastasios John Hart
Anastasios John Hart

On this 6 day of January, 2003, before me appeared Anastasios John Hart, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Alex Spis
First Witness

On this 6th day of January, 2003, before me appeared Anastasios John Hart, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Maureen D. Lynch
Second Witness