



FORM PTO-1595 (Modified) (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) Copyright 1996-97 LegalStar P08A/REV02

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11-20-2000

Docket No.: 1118/172

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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office



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

1. Name of conveying party(ies): Haoyong Yu Steven Dubowsky Additional names(s) of conveying party(ies) [] Yes [X] No

MRD 10-16-00

2. Name and address of receiving party(ies): Name: Massachusetts Institute of Technology Address: 77 Massachusetts Avenue

3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: October 6, 2000

City: Cambridge State/Prov.: MA Country: US ZIP: 02139 Additional name(s) & address(es) [] Yes [X] No

4. Application number(s) or registration numbers(s): Patent Application No. 09/631,842 Filing date August 3, 2000

If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Elizabeth P. Morano Registration No. 42,904 Address: BROMBERG & SUNSTEIN LLP 125 Summer Street City: Boston State/Prov.: MA Country: US ZIP: 02110-1618

6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$ 40.00 [X] Enclosed - Any excess or insufficiency should be credited or debited to deposit account [] Authorized to be charged to deposit account 8. Deposit account number: 19-4972

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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.

Elizabeth P. Morano Name of Person Signing

Elizabeth P. Morano Signature

October 11, 2000 Date

Total number of pages including cover sheet, attachments, and

4

ASSIGNMENT

ASSIGNOR: Haoyong Yu
Steven Dubowsky

ASSIGNEE: Massachusetts Institute of Technology
77 Massachusetts Avenue
Cambridge, MA 02139
United States of America

STATE OF INCORPORATION OF ASSIGNEE: Massachusetts

INVENTION: Omnidirectional Vehicle with Offset Wheel Pairs

ATTORNEY DOCKET: 1118/172

SERIAL NO: 09/631,842

FILED: August 3, 2000

Assignor is the sole inventor (if only one inventor is listed above) or a joint inventor (if more than one inventor is listed above) of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and serial number as indicated above, or if no filing date and serial number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States

application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: Oct. 06, 2000

喻勇
Haoyong Yu, Assignor

COMMONWEALTH OF MASSACHUSETTS)
) ss.
COUNTY OF Middlesex)

Before me, a notary public in and for said county and state, personally appeared Haoyong Yu, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature.

(seal)

Margaret Anne Udden
Notary Public
My Commission Expires **Margaret Anne Udden**
NOTARY PUBLIC
My commission exp. Apr. 6, 2001

Date: Oct. 06, 2000

Steven Dubowsky
Steven Dubowsky, Assignor

COMMONWEALTH OF MASSACHUSETTS)
) ss.
COUNTY OF Middlesex)

Before me, a notary public in and for said county and state, personally appeared Steven Dubowsky, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature.

(seal)

Margaret Anne Udden
Notary Public
My Commission Expires **Margaret Anne Udden**
NOTARY PUBLIC
My commission exp. Apr. 6, 2001

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