PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 **EPAS ID: PAT2924456**

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATTHEW LAFARY	11/19/2012
MATTHEW VESTAL	11/19/2012
GEORGE V. PAUL	11/15/2013

RECEIVING PARTY DATA

Name:	ADEPT TECHNOLOGY, INC.
Street Address:	5960 INGLEWOOD DRIVE
City:	PLEASANTON
State/Country:	CALIFORNIA
Postal Code:	94588

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14370372

CORRESPONDENCE DATA

Fax Number: (240)813-7505

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 240-813-7500 Email: file@patentrep.com

LAW OFFICES OF GRADY L. WHITE, LLC **Correspondent Name:**

Address Line 1: 10605 CONCORD STREET

Address Line 2: SUITE 207

Address Line 4: KENSINGTON, MARYLAND 20895

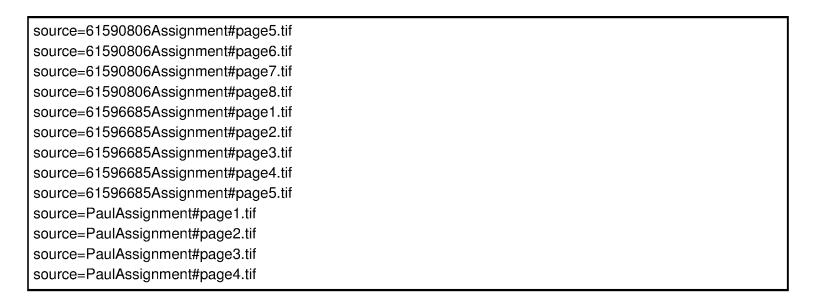
ATTORNEY DOCKET NUMBER:	00018-00035US1
NAME OF SUBMITTER:	GRADY L. WHITE, REG. NO. 40,874
SIGNATURE:	/Grady L. White/
DATE SIGNED:	07/02/2014

Total Attachments: 17

source=61590806Assignment#page1.tif source=61590806Assignment#page2.tif source=61590806Assignment#page3.tif source=61590806Assignment#page4.tif

PATENT

REEL: 033235 FRAME: 0333 502877858



ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT is made by Dimitrios Kambouridis, residing at 3975 Whittle Avenue, Oakland, California 94602, Matthew LaFary, residing at 251 McDowell Road, Peterborough, New Hampshire 03458, Swaminathan Vangal-Ramamurthy, residing at Apt Blk 641C Ponggol Drive #05-311, Singapore City 823641, SINGAPORE, Matthew Vestal, residing at 19 Terrace Street, Keene, New Hampshire 03431, and Timothy Vickroy, residing at 1727 5th Street, Livermore, California 94550 (hereinafter referred to as Assignors);

WHEREAS, Assignor has invented certain new and useful methods for commodity trading systems, as set forth in U.S. provisional patent application no. 61/590,806, filed on January 25, 2012, bearing the title "AUTONOMOUS ROBOTIC TRANSPORTATION SYSTEM WITH FLEET MANAGEMENT AND NEGATIVE AND POSITIVE AVOIDANCE;"

WHEREAS, Adept Technology, Inc., a corporation, having an office at 5960 Inglewood Drive, Pleasanton, CA 94588, United States of America (hereinafter referred to as Assignee), wishes to acquire from Assignors, and Assignors wish to convey to Assignee, the entire right, title and interest in and to said invention and said patent application, and in and to any Letters Patent of the United States or foreign countries to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned invention and patent application for Letters Patent, and in and to any and all non-provisional patent applications which may claim priority thereto, and any and all direct and indirect divisions, continuations and continuations-in-part based on said non-provisional applications, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made;

Page 1 of 7

AND, for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said invention and application for Letters Patent abovementioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND, for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said invention, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any applications for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable;

AND Assignors hereby appoint the following individual as his attorney or agent to prosecute any and all patent applications for the above-mentioned invention, as well as the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

Grady L. White (Law Offices of Grady L. White, LLC)

Reg. No.40,874

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made;

AND Assignors hereby request the Director of Patents and Trademarks to issue said

Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters

Page 2 of 7

Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal

representatives and assigns.

State of Cattlernia, Casum of ACYVECO

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Noticy Ablic, personally appeared 1912 — County Ablic, personally appeared 1914 — County Ablic, and the less that he personally and their by Matheutheir signatures) on the Instrument the personally of the entity upon behalf of which the personally acied, executed the Instrument certify under 1984-1987 under the laws of the State of Cattleria 1914 — In 1914 — Cattleria 1914 — Cattleria

SAYEEDA ZIAUDDIN-BAIG COMM B 1881198 MOTARY PUBLIC CALFORNIA ALAMEDA COURTY MY CONN. Exp. SEP. 11, 2913

Date: 19,2012
Country of USA State of New Hempshire ss.: County of Hills borough
On this // day of // to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same. Notary Public OAWN M. CONDRA, Notary Public My Commission Expires Decamber 8, 2015

Page 4 of 7

Date: 13/12/12	
	mud
	Swaminathan Vangal-Ramamurthy
Country of Signature State of Country of) ss.:
personally came Swaminathan Vanga	temba, 2012, before me al-Ramamurthy, to me known to be the individual egoing instrument, and acknowledged execution
	Motary Public

Chong Eng Chong N2012/9053 1 Apr 2012 - 31 Mar 2013

Date: //- 19-12	
	Matthew Vestal
Country of USA State of MH) ss.: County of MH) ss.:	
of the same.	DAWN M. CONDRA, Notary Public My Commission Expires December 8, 2015

Date: 11-23-2012	
	A
Country of USA) State of CALIFORNA)s Country of MANOSA	Timothy Vickroy
On this 234 day of NOV personally came Timothy Vickroy described in and who executed the foregoing instr of the same.	, to me kngyn to be the individual
SCOTARY PUBLIC CALIFORNIA COMMISSION # 1879802 ALAMEDA COUNTY My Comm. Exp. March 10, 2014	Notary Public .

ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT is made by Matthew LaFary, residing at 251 McDowell Road, Peterborough, New Hampshire 03458, Peter Stopera, residing at 37 Jewett Lane, Hollis, New Hampshire 03049, and Matthew Vestal, residing at 19 Terrace Street, Keene, New Hampshire 03431 (hereinafter referred to as Assignors);

WHEREAS, Assignor has invented certain new and useful methods for commodity trading systems, as set forth in U.S. provisional patent application no. 61/596,685, filed on February 8, 2012, bearing the title "ENTERPRISE MANAGEMENT SYSTEM (EMS) FOR FLEET OF AUTONOMOUSLY-NAVIGATING ROBOTS:"

WHEREAS, Adept Technology, Inc., a corporation, having an office at 5960 Inglewood Drive, Pleasanton, CA 94588, United States of America (hereinafter referred to as Assignee), wishes to acquire from Assignors, and Assignors wish to convey to Assignee, the entire right, title and interest in and to said invention and said patent application, and in and to any Letters Patent of the United States or foreign countries to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned invention and patent application for Letters Patent, and in and to any and all non-provisional patent applications which may claim priority thereto, and any and all direct and indirect divisions, continuations and continuations-in-part based on said non-provisional applications, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made;

Page 1 of 5

AND, for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said invention and application for Letters Patent abovementioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND, for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said invention, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any applications for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable;

AND Assignors hereby appoint the following individual as his attorney or agent to prosecute any and all patent applications for the above-mentioned invention, as well as the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

Grady L. White (Law Offices of Grady L. White, LLC)

Reg. No.40,874

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made;

AND Assignors hereby request the Director of Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters 2012 06 29 EMS Assignment - Inventors to Adept Technology Inc (3)

Date: Nov 19, 2012	
· · · ·	Matthew LaFary
Country of USA) State of <u>New Hampshier</u>) ss.: County of <u>Hills berough</u>	
On this	nent, and acknowledged execution
N	otary Public

Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal

representatives and assigns.

DAWN M. CONDRA, Notary Public My Commission Expires December 8, 2015

Date:
Country of HHSbarnsh &) State of HHSbarnsh Ss.: Country of HHSbarnsh Ss.:
On this /9 day of //wew be y , 2010 , before me personally came Peter Stopera , to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.
Notary Public
DAWN M. CONDRA. Notary Public My Commission Expires December 8, 2015

Date: 11-19-12	
	Matthew Vestal
Country of USA State of MH County of Hillsborogh) ss.:
On this	Notary Public DAWN M. CONDRA, Notary Public My Commission Expires December 8, 2015

ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT is made by George Paul, residing at 9 Nathan Hale

Lane, Merrimack, NH 03054 (hereinafter referred to as Assignor);

WHEREAS, Assignor has invented certain new and useful methods for

positive and negative obstacle avoidance systems, as set forth in U.S. provisional

application no. 61/590,806, filed on January 25, 2012, bearing the title of

"AUTONOMOUS ROBOTIC TRANSPORTATION SYSTEM WITH FLEET

MANAGEMENT AND NEGATIVE AND POSITIVE OBSTACLE AVOIDANCE",

and International patent application no. PCT/US2013/023154, filed on January 25,

2013, bearing the title "POSITIVE AND NEGATIVE OBSTACLE AVOIDANCE

SYSTEM AND METHOD FOR A MOBILE ROBOT", and U.S. non-provisional

patent application no. 14/001,266, filed on August 23, 2013, bearing the title

"POSITIVE AND NEGATIVE OBSTACLE AVOIDANCE SYSTEM AND METHOD

FOR A MOBILE ROBOT", and certain new and useful robots for handling job

assignments, as set forth in International patent application PCT/US2013/023250, filed

on January 25, 2013, bearing the title "AUTONOMOUS MOBILE ROBOT FOR

HANDLING JOB ASSIGNMENTS IN A PHYSICAL ENVIRONMENT INHABITED

BY STATIONARY AND NON-STATIONARY OBSTACLES".

WHEREAS, ADEPT TECHNOLOGY, INC., having an office at 5960

Inglewood Drive, Pleasanton, CA 94588, United States of America (hereinafter referred

to as Assignee), wishes to acquire from Assignor, and Assignor wishes to convey to

Assignee, the entire right, title and interest in and to said inventions and said patent

applications, and in and to any Letters Patent of the United States or foreign countries to

be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other

good and sufficient consideration, the receipt of which is hereby acknowledged,

Assignor has sold, assigned, transferred and set over, and by these presents does sell,

assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and patent applications for Letters Patent, and in and to any and all non-provisional patent applications which may claim priority thereto, and any and all direct and indirect divisions, continuations and continuations-in-part based on said non-provisional applications, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made;

AND, for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and applications for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND, for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise

that any proceeding in connection with said inventions, or said applications for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any applications for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable;

AND Assignor hereby appoints the following individuals as his attorneys or agents to prosecute any and all patent applications for the above-mentioned inventions, as well as the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

Grady L. White (Law Offices of Grady L. White, LLC)
Kimberly N. McLean (Law Offices of Grady L. White, LLC)

Reg. No.40,874

Reg. No. 62,378

AND Assignor acknowledges an obligation of assignment of the inventions to Assignee at the time the inventions were made;

AND Assignor hereby requests the Director of Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

Date: November 15 2013	>
Date.	George Paul
Country of <u>Anised States</u> State of <u>Peur Hampshill</u> County of <u>Hillskyrrings</u>	ss.:
On this	, to me known to be the individual

RECORDED: 07/02/2014