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Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)DEPARTMENT OF COMMERCE
Patents and Trademark Office

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Docket No. T3497-12161US01

PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Craig, William C.

Execution Date(s): 16 November 2007

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)Name: Lockheed Martin CorporationAddress: 6801 Rockledge DriveCity: BethesdaState: MarylandCountry: USA Zip: 20817Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**

A. Patent Application No.(s)

☒ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: James T. CarmichaelRegistration No.: 45,306Address: Miles & Stockbridge P.C.1751 Pinnacle DriveSuite 500City: McLeanState: Virginia Zip: 22102Phone Number: 703-610-8648Fax Number: 703/610-8686Email Address: jcarmichael@milesstockbridge.com**6. Total number of applications and patents involved: 1****7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00**

- ☐ Authorized to be charged to deposit account
☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 50-1165Authorized User Name: James T. Carmichael**9. Signature:**

James T. Carmichael

Name of Person Signing

Date: December 3, 2007Total Number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

U.S. PTO



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PATENT

REEL: 020221 FRAME: 0659

Assignment

WHEREAS, I, William C. Craig of 29 Jane Lacey Drive, Apt. E, Edicott, New York 13760; have made an invention entitled GPS-BASED SYSTEM AND METHOD FOR CONTROLLING VEHICLE CHARACTERISTICS BASED ON TERRAIN (Lockheed Martin Ref. FS-01074) for which we have executed an application for Letters Patent of the United States (attorney docket T3497-12161US01) and an application for a patent under the Patent Cooperation Treaty (attorney docket _____) (together and separately referred to hereinafter as "the application") concurrently on _____ (date); and

WHEREAS, Lockheed Martin Corporation ("ASSIGNEE"), a corporation or other business entity duly organized under the laws of the State of Maryland in the United States of America whose postal address is 6801 Rockledge Drive, Bethesda, Maryland 20817, desires to acquire the entire right, title, and interest in and to the invention, the application, and any Letters Patent to be granted for the invention in the United States and in all foreign countries;

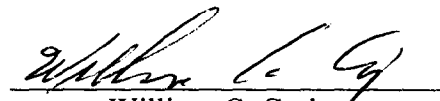
NOW, THEREFORE, in consideration of One Dollar (\$1.00) paid to us by ASSIGNEE, and other good and valuable consideration, the receipt and sufficiency of which I acknowledge, I have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest in and to the invention, the application, all applications claiming benefit of the application, including, but not limited to, all divisions and continuations of the application, and all Letters Patent that may be granted thereon in the United States and in all foreign countries, and all reissues thereof, together with the right to claim priority under the International Convention in all member countries; and I authorize and request the Commissioner of Patents and Trademarks to issue all Letters Patent for the invention to ASSIGNEE, its successors, legal representatives, and assigns in accordance with the terms of this Assignment;

AND I covenant and agree that I have the full right to convey the entire right, title, and interest herein assigned and that I have not executed and will not execute any assignment or other instrument in conflict with this Assignment;

AND I further covenant and agree that upon request by ASSIGNEE, its successors, legal representatives, and/or assigns, and without further consideration, I will do all lawful acts that may be necessary or desirable to assist ASSIGNEE, its successors, legal

representatives, and/or assigns to obtain and enforce patent protection for the invention in the United States and in all foreign countries, including, but not limited to, communicate with ASSIGNEE, its successors, legal representatives, and/or assigns any facts known to me/us regarding the invention, testify in any legal proceeding, sign all lawful papers, execute and deliver all papers that may be necessary or desirable to perfect the title to the invention in ASSIGNEE, its successors, legal representatives, and/or assigns, execute all divisional, continuation, and reissue applications, and make all rightful oaths, it being understood that any expense incident to the rendering of such assistance will be borne by ASSIGNEE, its successors, legal representatives, and/or assigns.

Executed this 16th day of November, 2007,
at Owego, New York.


William C. Craig

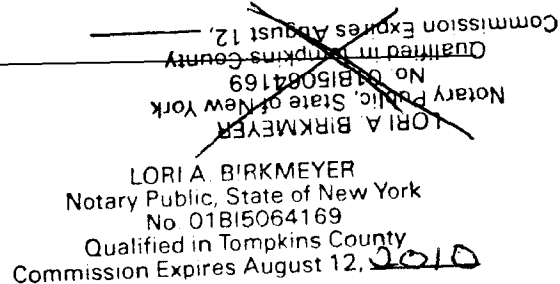
State of New York :
: ss.
County of Tioga :

Before me personally appeared said William C. Craig and acknowledged the foregoing instrument to be his free act and deed this 16th day of November, 2007.


Notary Public

My commission expires: 8/12/10

(Notarial
Seal)


LORIA A. BIRKMEYER
Notary Public, State of New York
No. 01815064169
Qualified in Tompkins County
Commission Expires August 12, 2010