Form FTO-1595 RI 02-23-2	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
OMB No. 0651-0027 (exp. 5/31/2002)	
Tab settings ⇔ ⇔ ▼ 1031940	060
To the Honorable Commissione 1031840	attached original documents or copy thereof.
Name of conveying party(ies): John Rapp Stephen Melicher Joseph R. Mayersak Howard Taylor Mark Jones Jyun-Horng Fu Michael E. Feeley Richard A. Udicious Robert J. Howard Robert J. Varley Additional name of conveying party(ies) attached? ☐ Yes ☑ No 3. Nature of conveyance:	2. Name and address of receiving party(ies) Name: Lockheed Martin Corporation Internal Address: Street Address: 6801 Rockledge Drive
_	Street Audress.
. ⊠ Assignment ☐ Merger	6801 Rockledge Drive
Security Agreement Change of Name	City: Bethesda State: MD Zip: 20817
☐ Other	Additional Name(s) & address(es) attached? ☐ Yes ☒ No
Execution Date: 01/23/06; 01/24/06; 01/23/06; 01/25/06; 01/24/06; 02/01/06; 01/24/06	
A. Patent Application No.(s) 11/264,299 Additional numbers att	B. Patent No.(s) ached? ☐ Yes ☒ No
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: 1
Name: Graybeal Jackson Haley LLP	7. Total fee (37 CFR 3.41) \$ 40
Internal Address: Bryan A. Santarelli	☐ ☐ Enclosed
	Authorized to be charged to deposit account
Street Address:	8. Deposit account number: 07-1897 (deficiencies)
City: Bellevue State: WA Zip: 98004-5973	(Attach duplicate copy of this page if paying by deposit account)
DO NOT USE	THIS SPACE 82/22/2886 LITTLELLER 88888892 11254299
20 101 031	81 JC:8921 48.88 0P
	February 15, 2006 Signature Date
Total number of pages including of	cover sheet, attachments, and documents: 7

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments

ASSIGNMENT OF U.S. AND FOREIGN RIGHTS IN INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One United States Dollar (\$1.00) or its equivalent, the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR John Rapp, residing or having a principal place of business at <u>9350 River</u> Crest Road, Manassas, Virginia 20110, and a citizen or juristic entity of the United States,

ASSIGNOR Joseph R. Mayersak, residing or having a principal place of business at 43546 Coal Bed Court, Ashburn, Virginia 20147, and a citizen or juristic entity of The United States,

ASSIGNOR <u>Mark Jones</u>, residing or having a principal place of business at <u>15342</u> <u>Oakmere Place</u>, <u>Centreville</u>, <u>Virginia 20120</u>, and a citizen or juristic entity of <u>The United States</u>,

ASSIGNOR <u>Michael E. Feeley</u>, residing or having a principal place of business at <u>13632</u> Rock Flint Court. Clifton, Virginia 20124, and a citizen or juristic entity of <u>The United States</u>.

ASSIGNOR Robert J. Howard, residing or having a principal place of business at 13852 Springstone Drive, Clifton, Virginia 20124, and a citizen or juristic entity of The United States,

ASSIGNOR Robert J. Varley, residing or having a principal place of business at 4354 Misty Ridge Drive, Haymarket, Virginia 20169, and a citizen or juristic entity of The United States,

ASSIGNOR <u>Stephen Melicher</u>, residing or having a principal place of business at <u>9500</u> <u>Godwin Drive</u>, <u>Manassas</u>, <u>Virginia 20110</u>, and a citizen or juristic entity of <u>The United States</u>,

ASSIGNOR Howard Taylor, residing or having a principal place of business at 15258 Eagle Tayern Way. Centreville, Virginia 20120-3903, and a citizen or juristic entity of The United States,

ASSIGNOR Jyun-Horng Fu, residing or having a principal place of business at <u>5886</u> Linden Creek Ct. Centreville, Virginia <u>20120-5428</u>, and a citizen or juristic entity of <u>The United States</u>,

ASSIGNOR <u>Richard A. Udicious</u>, residing or having a principal place of business at <u>13164 Piedmont Vista Drive</u>, and a citizen or juristic entity of <u>The United States</u>,

hereby sell, assign, and transfer to:

ASSIGNEE Lockheed Martin Corporation, residing or having a principal place of business at 6801 Rockledge Drive. Bethesda, Maryland 20817, and a citizen or juristic entity of Maryland, and the successors, assigns, and legal representatives of the

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PATENT REEL: 017591 FRAME: 0361 ASSIGNEE, the entire right, title, and interest in the United States and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled PROJECTILE ACCELLERATOR AND RELATED VEHICLE AND METHOD and which is found in United States patent application serial number 11/264,299, filed on October 31, 2005 (if not present when this instrument is executed, applicant's attorney or agent is authorized to enter the application serial number and filing date upon receipt of the same from the United States Patent and Trademark Office), and in and to all Letters Patent to be obtained from said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent from any reissue or re-examination thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts, documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation, or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, and enforce said application, said invention, and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purpose thereof.

ASSIGNORS:

Name: John Rapp
Signature: John Rupp
Title (if applicable):
EXECUTED on, and effective from this $\frac{237d}{day}$ of $\frac{340047}{day}$, $\frac{2005}{day} \ge 606$ at $\frac{140045}{day}$
I hereby declare that I was personally present and did see the ASSIGNOR, who is personally known to me to be a person named in the assignment, duly sign and execute the same on this
WITNESS Name: Constance L. Chapman
Signature: Constance L. Chypnen
Oignature

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Name: Joseph R. Mayersak
Signature: JOSEPH MINEY FISH
Title (if applicable):
EXECUTED on, and effective from this
I hereby declare that I was personally present and did see the ASSIGNOR, who is personally known to me to be a person named in the assignment, duly sign and execute the same on this
WITNESS
Name: Constance L Chapman
Name: Constance L Chapman Signature: Chapman
Name: Mark Jones Signature: Mark Jones
EXECUTED on, and effective from this
I hereby declare that I was personally present and did see the ASSIGNOR, who is personally known to me to be a person named in the assignment, duly sign and execute the same on this
WITNESS
Name: Constance L. Chapman Signature: Constance L. Chapman

Name: Michael E. Feeley
Signature: M. July
Signature: 7/1/, Auto-
Title (if applicable):
EXECUTED on, and effective from this
I hereby declare that I was personally present and did see the ASSIGNOR, who is personally known to me to be a person named in the assignment, duly sign and execute the same on this
WITNESS Name: Cans Truck to Chronan
Name: Constance L. Chapman Signature: Constance L. Chapman
Name: Robert J. Howard Signature: Robert J. Howard
Title (if applicable):
EXECUTED on, and effective from this
I hereby declare that I was personally present and did see the ASSIGNOR, who is personally known to me to be a person named in the assignment, duly sign and execute the same on this
WITNESS
Name: Constavre L. Chapman Signature: Constavre L. Chapman
Signature: Continue L. Character

Name: Robert J. Varley
Signature: Robert & Varley
Title (if applicable):
EXECUTED on, and effective from this
I hereby declare that I was personally present and did see the ASSIGNOR, who is personally known to me to be a person named in the assignment, duly sign and execute the same on this
WITNESS
Name: CONSTANCE L. ChAPMAN
Name: Constance L. Chapman Signature: Courte L. Chapman
Name: Stephen Melicher Signature: Stephen Melicher
Title (if applicable):
EXECUTED on, and effective from this 24 day of ANUORY, 2006 at MANGSIAS, UA.
I hereby declare that I was personally present and did see the ASSIGNOR, who is personally known to me to be a person named in the assignment, duly sign and execute the same on this _2 \(\frac{1}{2} \) day of _JANUARY
WITNESS
Name: Constance L. Chapman
\mathcal{L}

Name: Howard Taylor
Signature: Howard Taylor
Title (if applicable):
EXECUTED on, and effective from this
I hereby declare that I was personally present and did see the ASSIGNOR, who is personally known to me to be a person named in the assignment, duly sign and execute the same on this
WITNESS
Name: Constance L. Chapman
Name: Constance L. Chapman Signature: Centance L. Chapman
Name: Jyun-Horng Fu Signature:
Title (if applicable):
EXECUTED on, and effective from this 24 day of ANUARY, 2006 at HANASSAS, VA.
I hereby declare that I was personally present and did see the ASSIGNOR, who is personally known to me to be a person named in the assignment, duly sign and execute the same on this
WITNESS
Name: Constance L. Chapman Signature: Constance L. Chapman
Signature: Constance L. Chypnes

Name: Richard A. Udicious	
Signature: Signature:	
Title (if applicable):	
EXECUTED on, and effective from this 24th day of JANUARY, 20 at MANASSAS, NA	06
I hereby declare that I was personally present and did see the ASSIGNOR, who is personally known to me to be a person named in the assignment, duly sign and execute the same on this	e will
personally known to me to be a person named in the assignment, duly sign and execute the same on this	e will
personally known to me to be a person named in the assignment, duly sign and execute the same on this	e will

RECORDED: 02/21/2006