

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Robert J. Cavalleri</td> <td>03/19/2008</td> </tr> <tr> <td>Thomas A. Olden</td> <td>03/21/2008</td> </tr> </tbody> </table>		Name	Execution Date	Robert J. Cavalleri	03/19/2008	Thomas A. Olden	03/21/2008
Name	Execution Date						
Robert J. Cavalleri	03/19/2008						
Thomas A. Olden	03/21/2008						
RECEIVING PARTY DATA							
Name:	Raytheon Company						
Street Address:	780 Winter Street						
City:	Waltham						
State/Country:	MASSACHUSETTS						
Postal Code:	02451						
PROPERTY NUMBERS Total: 1							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12053475</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12053475		
Property Type	Number						
Application Number:	12053475						
CORRESPONDENCE DATA							
Fax Number:	(805)230-1355						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	8052301350						
Email:	kpaulino@socalip.com						
Correspondent Name:	Kathy Paulino						
Address Line 1:	SoCal IP Law Group LLP						
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Address Line 4:	Westlake Village, CALIFORNIA 91362						
ATTORNEY DOCKET NUMBER:	R009-P08002US						
NAME OF SUBMITTER:	Kathy Paulino						
Total Attachments: 2 source=P08002US Assignment Signed#page1.tif source=P08002US Assignment Signed#page2.tif							

OP \$40.00 12053475

ASSIGNMENT

Name of Inventor: **(1) Robert J. Cavalleri; (2) Thomas A. Olden**
 Name of Assignee: **Raytheon Company**
 State of Incorporation of Assignee: **Delaware**
 Title of Application: **ROCKET MOTOR WITH PELLET AND BULK SOLID PROPELLANTS**

Application No.: 12/053,475 Date of Filing of Application: March 21, 2008

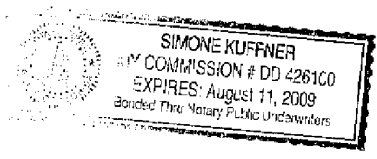
1. In consideration of the sum of \$1.00 and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned agree to sell, assign and transfer and do hereby sell, assign and transfer to the above-named Assignee, its successors and assigns, the entire and exclusive right, title and interest in and to the inventions claimed and described in the above-identified patent application in the United States and throughout the world, and in and to any applications for patent and patents which may be granted and issued thereon in any and all countries, and in and to any continuations, divisions, reissues and extensions of said applications and patents and all priority rights associated therewith. The undersigned agree to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
2. Without cost to the undersigned, the undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of original, reissue or reexamined patents on the invention. The undersigned agree to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate in every way possible in obtaining evidence and going forward with such interference.
3. The undersigned agree to execute all papers and documents and to perform any act necessary in connection with provisions of any and all international treaties regarding patents and industrial property.
4. The undersigned hereby authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from the above referenced patent application and any continuations or divisions thereof to the Assignee, as Assignee of the entire interest.
5. The undersigned hereby covenant to having full right to convey the entire interest herein assigned. The undersigned hereby represent and warrant that no other assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment. This assignment stands on its own.

Signature of Inventor 1: *Robert Cavalleri* Date: 3/19/2008
 Signature of Inventor 2: _____ Date: _____
FLDL

State of Florida County of Broward On March 19, 08 before me, Simone Kuffner
 personally appeared Robert Cavalleri, (only) (Notary Public)

proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.
Simone Kuffner



07W222 -- Attorney Matter No. R009-P08002US

ASSIGNMENT

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Signature of Inventor 1: _____ Date: _____
 Signature of Inventor 2: TOlden Date: 3/21/2008

State of Arizona County of Pima on 3/21/2008 before me, Carol M. Gaudette
 personally appeared Thomas A. Olden (date) _____ (Notary Public)

proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.
Carol M. Gaudette

